

Converting Colors

HunterLab(77.3930, -54.6017,
26.0903)

Have a look what the booklet for
HunterLab(77.3930, -54.6017,
26.0903) contains.

HunterLab(77.3785, -54.6679, 26.1973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(77.3785,
-54.6679, 26.1973)**

Conversions

Conversions Part 1

Format	Color
Hex	32E791
RGB	50, 231, 145
RGB Percent	20%, 91%, 57%
CMY	0.8039, 0.0941, 0.4314
CMYK	0.78, 0.00, 0.37, 0.09
HSL	151°, 79%, 55%
HSV	151°, 78%, 91%
XYZ	35.0022, 59.8743, 36.5002
YIQ	167.0770, -80.2700, -65.1180

Conversions

Conversions Part 2

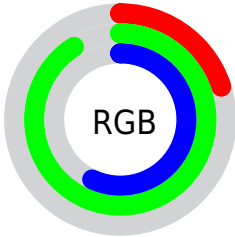
Format	Color
RYB	50, 169, 231
Decimal	3336081
CIELab	81.77, -63.03, 29.64
CIELCh	82, 69.651, 154.819
Yxy	59.8767, 0.2664, 0.4557
Android (android.graphics.Color)	4281526161 (0xFF32E791)
YUV	167.0770, -10.8840, -102.6765
Hunter-Lab	77.3785, -54.6679, 26.1973

Details

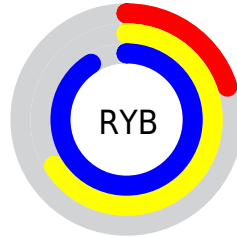
The HunterLab color **77.3785, -54.6679, 26.1973** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **45.8792, 69.6631, -0.6142**, and the grayscale version is **62.2641, -3.3223, 3.3829**.

A 20% lighter version of the original color is **89.4028, -47.8788, 18.4180**, and **55.7497, -42.6302, 22.3442** is the 20% darker color. If you saturate the color by 10%, you get **76.8816, -57.1554, 28.9725**, and if you desaturate by 10%, it is **78.0860, -51.3126, 23.3435**.

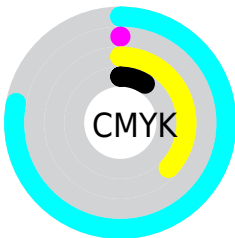
Distribution



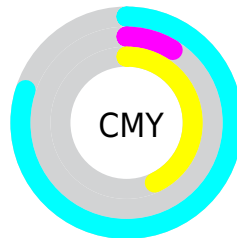
- Red (20%)
- Green (91%)
- Blue (57%)



- Red (20%)
- Yellow (66%)
- Blue (91%)



- Cyan (78%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)





- Cyan (80%)
- Magenta (9%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.3785, -54.6679, 26.1973 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 77.3785, -54.6679, 26.1973 by changing the saturation by 10% instead.


 77.3785, -54.6679,
26.1973


 77.3785, -54.6679,
26.1973


205.9474,
-86.4423, 44.4813

 65.8174, -50.5461,
23.9758


 102.2990,
-62.4204, 30.4691

 54.8960, -46.2102,
21.6750


 115.6012,
-66.1021, 32.5407


 44.6560, -41.6076,
19.2727


 129.4346,
-69.6801, 34.5805

 35.1463, -36.6636,
16.7372

 143.7797,
-73.1689, 36.5946

 26.4278, -31.2691,
14.0230

 158.6187,
-76.5805, 38.5880

 18.5803, -25.2902,
11.2435

173.9358,

 11.7140, -20.4994,

-79.9247, 40.5648

8.1998

189.7164,
-83.2096, 42.5283

■ 4.4280, -7.7491,
3.0996

0.0000, NaN, NaN

■ 77.3785, -54.6679,
26.1973

■ 77.3785, -54.6679,
26.1973

■ 76.8816, -57.1554,
28.9725

■ 78.0860, -51.3126,
23.3435


■ 76.5571, -58.8908,
31.6180


■ 79.0192, -47.0371,
20.4530


■ 76.5118, -59.1398,
32.0328


■ 80.1931, -41.8298,
17.5685


■ 81.6156, -35.7093,
14.7299

 83.2902, -28.7195,
11.9732

 85.2167, -20.9228,
9.3301

 87.3916, -12.3947,
6.8265

 89.8087, -3.2174,
4.4826

 92.1590, 5.5132,
1.9305

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3801, -37.9030, 39.7529



77.3785, -54.6679, 26.1973



77.3801, -58.9000, -1.1725

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3801, -54.6687, 26.1979



77.3801, 1.4117, -86.3814



77.3801, 56.8846, 31.8827

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.3785, -54.6679, 26.1973



45.8792, 69.6631, -0.6142

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3801, 71.9988, 9.2354



77.3785, -54.6679, 26.1973



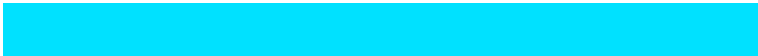
77.3801, 36.6520, -65.8163

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3801, -54.6687, 26.1979



77.3801, -29.9268, -75.3897



77.3801, 64.0241, -27.0374



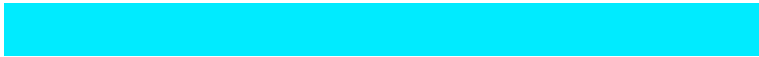
77.3801, 25.5561, 41.9070

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3785, -54.6679, 26.1973



77.3801, -54.7943, -26.5481



77.3801, 64.0241, -27.0374



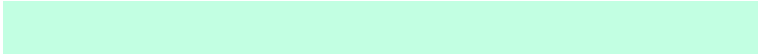
77.3801, 64.2539, 25.9563

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.3801, -54.6687, 26.1979



94.0476, -28.5489, 12.1277



79.2112, -49.4958, 45.6839



43.1655, -14.6169, 6.1070

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3801, -54.6687, 26.1979



85.7615, -65.2101, 34.2543



78.6942, -39.0906, -9.1553



40.2678, -6.1760, 3.2782



57.3085, -44.1428, 23.6609



15.6388, -11.6283, 5.5551

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.8792, 69.6631, -0.6142



48.1667, 83.9197, 5.5011



44.4614, 61.9300, 24.4562



38.0545, 2.1726, 1.0652



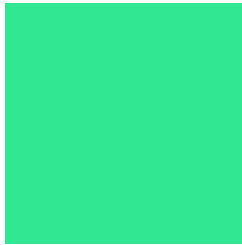
31.9017, 56.6792, 4.7490



8.7791, 15.7967, -0.2359

Previews

White Background



This preview shows how the HunterLab color 77.3785, -54.6679, 26.1973 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 77.3785, -54.6679, 26.1973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

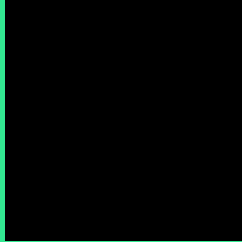
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 77.3785, -54.6679, 26.1973 Background



This preview shows how black text looks on a background with the HunterLab color 77.3785, -54.6679, 26.1973.



This preview shows how white text looks on a background with the HunterLab color 77.3785,

-54.6679, 26.1973.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.3785, -54.6679, 26.1973

Protanopia

76.5028, -7.1060, 29.8187

Deuteranopia

76.4706, 5.8282, 23.5196



Tritanopia

77.2911, -29.8517, -14.9461

Trichromacy



Original Color

77.3785, -54.6679, 26.1973



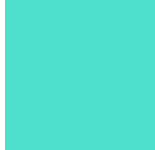
Protanomaly

74.9415, -30.7298, 26.9165



Deuteranomaly

74.3606, -23.8844, 22.0582



Tritanomaly

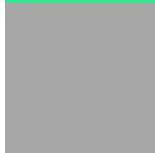
77.0004, -40.4091, 2.7525

Monochromacy



Original Color

77.3785, -54.6679, 26.1973



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

66.0418, -26.4239, 10.7846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3785, -54.6679, 26.1973 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(50, 231, 145)` looks like.

```
.text, #text, p{  
    color:rgb(50, 231, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(50, 231, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 231, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3785, -54.6679, 26.1973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(50, 231, 145) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(50, 231, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(50, 231, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 231, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 231, 145);  
box-shadow:4px 4px 4px 4px rgb(50, 231,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3785, -54.6679, 26.1973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 231, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(50, 231,  
145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor