

Converting Colors

HunterLab(61.8118, -26.0802,
-4.9517)

Have a look what the booklet for
HunterLab(61.8118, -26.0802,
-4.9517) contains.

HunterLab(61.7855, -26.1897, -4.8550)	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(61.7855,
-26.1897, -4.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	51B5B6
RGB	81, 181, 182
RGB Percent	32%, 71%, 71%
CMY	0.6823, 0.2902, 0.2863
CMYK	0.55, 0.01, 0.00, 0.29
HSL	181°, 41%, 52%
HSV	181°, 55%, 71%
XYZ	28.3607, 38.1745, 50.1296
YIQ	151.2140, -59.9210, -20.8890

Conversions

Conversions Part 2

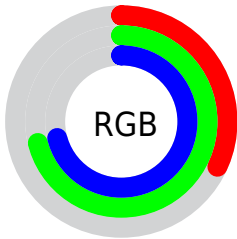
Format	Color
R _Y B	81, 131, 182
Decimal	5354934
CIE Lab	68.15, -28.60, -9.35
CIE LCh	68, 30.085, 198.102
Yxy	38.1759, 0.2431, 0.3272
Android (android.graphics.Color)	4283545014 (0xFF51B5B6)
YUV	151.2140, 15.1775, -61.5777
Hunter-Lab	61.7855, -26.1897, -4.8550

Details

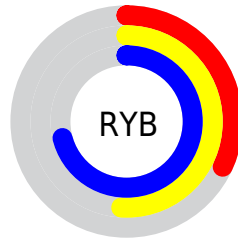
The HunterLab color **61.7855, -26.1897, -4.8550** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.7118, 33.0814, 14.3271**, and the grayscale version is **55.6758, -2.9707, 3.0250**.

A 20% lighter version of the original color is **84.9885, -30.3488, -4.5919**, and **41.2593, -21.6657, -4.8005** is the 20% darker color. If you saturate the color by 10%, you get **61.1585, -28.3144, -5.7146**, and if you desaturate by 10%, it is **62.5810, -23.4549, -3.7777**.

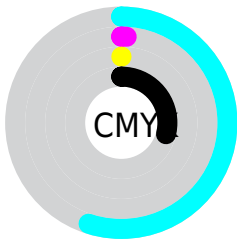
Distribution



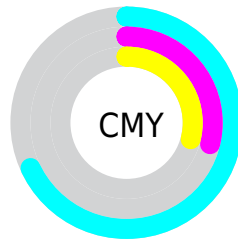
- Red (32%)
- Green (71%)
- Blue (71%)



- Red (32%)
- Yellow (51%)
- Blue (71%)



- Cyan (55%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7855, -26.1897, -4.8550 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 61.7855, -26.1897, -4.8550 by changing the saturation by 10% instead.

61.7855, -26.1897,
-4.8550

61.7855, -26.1897,
-4.8550

183.9495,
-44.1505, -1.4274

51.1070, -23.9830,
-4.9975

85.0751, -30.4069,
-4.4007

41.1253, -21.6823,
-5.0780

97.6174, -32.4446,
-4.0993

31.8942, -19.2550,
-5.0886

110.7219,
-34.4479, -3.7528

23.4807, -16.6493,
-5.0203

124.3654,
-36.4240, -3.3638

15.9735, -13.7779,
-4.8631

138.5273,
-38.3782, -2.9348

9.4993, -13.6267,
-4.6099

153.1894,

0.0000, NaN, -NF

-40.3151, -2.4679

0.0000, NaN, NaN

168.3351,
-42.2382, -1.9648

0.0000, NaN, NaN

■ 61.7855, -26.1897,
-4.8550

■ 61.7855, -26.1897,
-4.8550

■ 61.1585, -28.3144,
-5.7146

■ 62.5810, -23.4549,
-3.7777

■ 60.6871, -29.8460,
-6.3652

■ 63.5476, -20.1092,
-2.4858

■ 60.3592, -30.8238,
-6.8192

■ 64.6897, -16.1685,
-0.9840

■ 60.1560, -31.3139,
-7.0999

■ 66.0082, -11.6610,
0.7175

■ 60.0847, -31.4551,
-7.1981

■ 67.5016, -6.6245,
2.6055

■ 69.1670, -1.1035,
4.6643

■ 70.9998, 4.8543,
6.8772

■ 72.9943, 11.1995,
9.2271

■ 75.1441, 17.8840,
11.6973

Harmonies

Analogous

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



61.7867, -26.8085, 8.2632



61.7855, -26.1897, -4.8550



61.7867, -19.7722, -18.1037

Triad

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



61.7867, -26.1900, -4.8541



61.7867, 17.3389, -15.6077



61.7867, 2.1700, 23.0501

Complementary

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



61.7855, -26.1897, -4.8550



40.7118, 33.0814, 14.3271

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.



61.7867, 15.1017, 19.1287



61.7855, -26.1897, -4.8550



61.7867, 24.3515, -1.9742

Square

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



61.7867, -26.1900, -4.8541



61.7867, 5.0154, -25.1759



61.7867, 23.4992, 10.5870



61.7867, -11.1978, 22.6052

Rectangle

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



61.7855, -26.1897, -4.8550



61.7867, -12.7304, -24.3736



61.7867, 23.4992, 10.5870



61.7867, 6.7321, 22.2407

Sweetspot

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



61.7867, -26.1900, -4.8541



88.5414, -16.8451, 0.5356



59.8332, -40.2469, 28.4494



41.4400, -8.5016, 0.0313



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



61.7867, -26.1900, -4.8541



82.1602, -38.7451, -7.9528



46.3628, -4.0510, -28.0989



31.9296, -4.1157, 0.8863



50.4979, -26.4404, -6.0408



9.5071, -4.9951, -1.1001

Inverse Universe

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



43.7803, 48.0451, -31.3867



54.3579, 78.2491, -51.3433



51.8724, 8.8824, 23.2201



30.2674, 2.3323, -1.0122



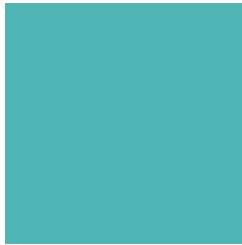
30.5886, 60.0124, -39.3690



5.7475, 11.2826, -7.4474

Previews

White Background



This preview shows how the HunterLab color 61.7855, -26.1897, -4.8550 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 61.7855, -26.1897, -4.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

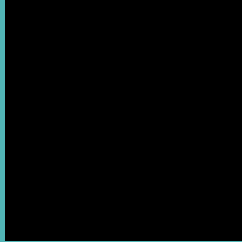
Any Text WCAG AA ✓ Pass

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 61.7855, -26.1897, -4.8550 Background



This preview shows how black text looks on a background with the HunterLab color 61.7855, -26.1897, -4.8550.



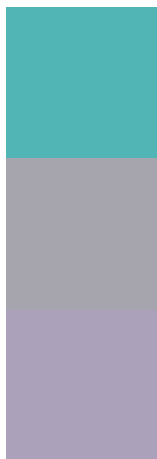
This preview shows how white text looks on a background with the HunterLab color 61.7855,

-26.1897, -4.8550.

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

61.7855, -26.1897, -4.8550

Protanopia

61.3486, -1.3115, 0.0597

Deuteranopia

61.3945, 4.2118, -6.9573



Tritanopia

61.7363, -22.1791, -11.3632

Trichromacy



Original Color

61.7855, -26.1897, -4.8550



Protanomaly

60.8563, -12.0431, -2.7286



Deuteranomaly

60.7547, -8.6577, -7.5072



Tritanomaly

61.8426, -23.7359, -9.0129

Monochromacy



Original Color

61.7855, -26.1897, -4.8550



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

57.3454, -13.0548, -0.2342

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7855, -26.1897, -4.8550 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(81, 181, 182)` looks like.

```
.text, #text, p{  
    color:rgb(81, 181, 182)  
}
```

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(81, 181, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 181, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7855, -26.1897, -4.8550 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(81, 181, 182) }
```


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

```
.border{ border-color:rgb(81, 181, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 181, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 181, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 181, 182);  
box-shadow:4px 4px 4px 4px rgb(81, 181,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7855, -26.1897, -4.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 181, 182) }
```

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

```
.background{ background-color: rgb(81, 181,  
182) }
```

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