

Converting Colors

HunterLab(66.9675, -33.6443,
26.9055)

Have a look what the booklet for
HunterLab(66.9675, -33.6443,
26.9055) contains.

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Color

**HunterLab(66.8838,
-33.6515, 26.7754)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC371
RGB	127, 195, 113
RGB Percent	50%, 76%, 44%
CMY	0.5020, 0.2353, 0.5569
CMYK	0.35, 0.00, 0.42, 0.24
HSL	110°, 41%, 60%
HSV	110°, 42%, 76%
XYZ	31.2481, 44.7344, 22.6104
YIQ	165.3200, -14.2060, -39.9180

Conversions

Conversions Part 2

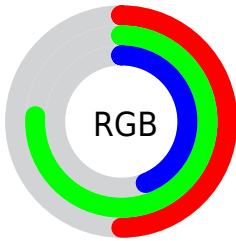
Format	Color
RYB	113, 195, 181
Decimal	8373105
CIELab	72.72, -37.31, 34.53
CIELCh	73, 50.834, 137.221
Yxy	44.7363, 0.3169, 0.4537
Android (android.graphics.Color)	4286563185 (0xFF7FC371)
YUV	165.3200, -25.7938, -33.6066
Hunter-Lab	66.8838, -33.6515, 26.7754

Details

The HunterLab color $66.8838, -33.6515, 26.7754$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $50.5722, 34.3766, -28.7685$, and the grayscale version is $61.5799, -3.2857, 3.3458$.

A 20% lighter version of the original color is $90.7299, -38.7972, 31.6530$, and $45.6777, -28.1725, 21.5491$ is the 20% darker color. If you saturate the color by 10%, you get $65.7264, -38.8481, 30.3730$, and if you desaturate by 10%, it is $68.2398, -27.6770, 22.4407$.

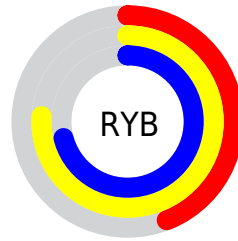
Distribution



Red (50%)

Green (76%)

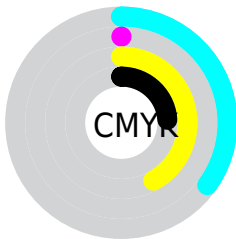
Blue (44%)



Red (44%)

Yellow (76%)

Blue (71%)

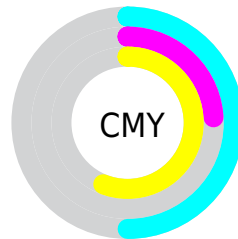


Cyan (35%)

Magenta (0%)

Yellow (42%)

Black (24%)



Cyan (50%)

Magenta (24%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.8838, -33.6515, 26.7754 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 66.8838, -33.6515, 26.7754 by changing the saturation by 10% instead.

■ 66.8838, -33.6515,
26.7754

■ 66.8838, -33.6515,
26.7754

191.2341,
-55.1112, 47.4313

■ 55.9015, -30.9592,
24.1719

■ 90.7329, -38.7659,
31.7097

■ 45.5951, -28.1406,
21.4440

■ 103.5351,
-41.2200, 34.0737

■ 36.0138, -25.1581,
18.5569

■ 116.8885,
-43.6220, 36.3856

■ 27.2174, -21.9534,
15.4625

■ 130.7712,
-45.9809, 38.6548

■ 19.2833, -18.4327,
12.5002

145.1637,
-48.3040, 40.8884

■ 12.3181, -15.3634,
8.6227

160.0487,

■ 5.4854, -9.5994,

-50.5970, 43.0926

3.8398

175.4102,
-52.8647, 45.2722

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8838, -33.6515,
26.7754

■ 66.8838, -33.6515,
26.7754

■ 65.7264, -38.8481,
30.3730

■ 68.2398, -27.6770,
22.4407

■ 64.7619, -43.2256,
33.2178

■ 69.7891, -20.9736,
17.3987

■ 63.9870, -46.7682,
35.3184

■ 71.5298, -13.6056,
11.6939

■ 63.3937, -49.4835,
36.7094


■ 73.4570, -5.6424,
5.3793


■ 62.9699, -51.4087,


■ 75.5643, 2.8448,


37.4584

-1.4876

 62.7376, -52.4534,
37.7403

 77.8443, 11.7861,
-8.8480

 80.2892, 21.1153,
-16.6440

 82.1657, 27.4114,
-17.1581

Harmonies

Analogous

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



66.8852, -16.4499, 33.0886



66.8838, -33.6515, 26.7754



66.8852, -42.2318, 12.4802

Triad

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



66.8852, -33.6528, 26.7759



66.8852, -13.2910, -53.4192



66.8852, 45.3743, 15.1729

Complementary

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



66.8838, -33.6515, 26.7754



50.5722, 34.3766, -28.7685

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.



66.8852, 46.5300, -6.5987



66.8838, -33.6515, 26.7754



66.8852, 10.3597, -51.9128

Square

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



66.8852, -33.6528, 26.7759



66.8852, -31.6167, -36.2906



66.8852, 32.9897, -32.6933



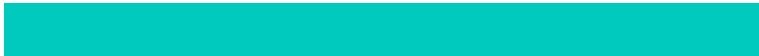
66.8852, 30.0219, 28.1573

Rectangle

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



66.8838, -33.6515, 26.7754



66.8852, -42.8076, -1.9995



66.8852, 32.9897, -32.6933



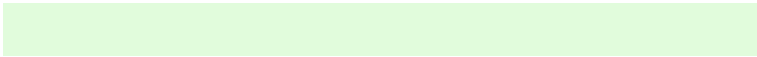
66.8852, 47.5044, 8.8289

Sweetspot

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



66.8852, -33.6528, 26.7759



95.4446, -19.3843, 16.5706



67.3984, -7.2356, 27.6601



44.4121, -10.1334, 8.5826

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.8852, -33.6528, 26.7759



88.1423, -51.1616, 40.0885



66.6378, -33.6199, 18.7510



33.6743, -5.3862, 4.7005



50.6028, -42.1789, 30.4428



10.6423, -8.2439, 6.4134

Inverse Universe

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



50.5722, 34.3766, -28.7685



62.4570, 56.6199, -48.3039



51.2633, 34.1688, -11.2479



31.8712, 2.0418, -1.3185



27.5060, 56.4148, -54.3956



5.9195, 12.0065, -10.6642

Previews

White Background



This preview shows how the HunterLab color 66.8838, -33.6515, 26.7754 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 66.8838, -33.6515, 26.7754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

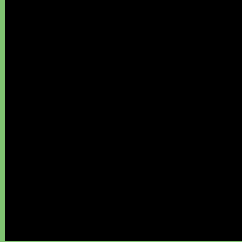
Any Text WCAG AA ✓ Pass

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 66.8838, -33.6515, 26.7754 Background



This preview shows how black text looks on a background with the HunterLab color 66.8838, -33.6515, 26.7754.



This preview shows how white text looks on a background with the HunterLab color 66.8838,

-33.6515, 26.7754.

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

66.8838, -33.6515, 26.7754

Protanopia

66.5963, -7.2665, 28.7695

Deuteranopia

66.5038, 4.7905, 25.5035



Tritanopia

66.7973, -12.8652, -7.5672

Trichromacy



Original Color

66.8838, -33.6515, 26.7754

Protanomaly

66.2806, -17.7512, 27.5890

Deuteranomaly

65.9315, -10.8156, 25.3030

Tritanomaly

66.7388, -21.6251, 7.8345

Monochromacy



Original Color

66.8838, -33.6515, 26.7754

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

63.0121, -15.4405, 12.9697

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.8838, -33.6515, 26.7754 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(127, 195, 113)` looks like.

```
.text, #text, p{  
    color:rgb(127, 195, 113)  
}
```

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(127, 195, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 195, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 66.8838, -33.6515, 26.7754 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(127, 195, 113) }
```


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

```
.border{ border-color:rgb(127, 195, 113) }
```

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

Here you see how a box with a 4 pixel rgb(127, 195, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 195, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 195, 113);  
box-shadow:4px 4px 4px 4px rgb(127, 195,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.8838, -33.6515, 26.7754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 195, 113) }
```

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

```
.background{ background-color: rgb(127,  
195, 113) }
```

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](#).

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