

Converting Colors

HunterLab(58.4632, -21.7706,
13.5051)

Have a look what the booklet for
HunterLab(58.4632, -21.7706,
13.5051) contains.

HunterLab(58.4632, -21.7706, 13.5051)	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(58.4632,
-21.7706, 13.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA984
RGB	122, 169, 132
RGB Percent	48%, 66%, 52%
CMY	0.5216, 0.3372, 0.4823
CMYK	0.28, 0.00, 0.22, 0.34
HSL	133°, 21%, 57%
HSV	133°, 28%, 66%
XYZ	26.3789, 34.1795, 27.0368
YIQ	150.7290, -16.1350, -21.4710

Conversions

Conversions Part 2

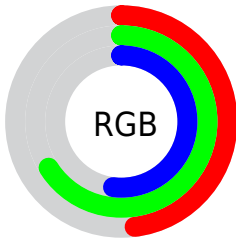
Format	Color
RYB	122, 161, 169
Decimal	8038788
CIELab	65.11, -23.45, 14.13
CIELCh	65, 27.375, 148.927
Yxy	34.1809, 0.3011, 0.3902
Android (android.graphics.Color)	4286228868 (0xFF7AA984)
YUV	150.7290, -9.2334, -25.1953
Hunter-Lab	58.4632, -21.7706, 13.5051

Details

The HunterLab color $58.4632, -21.7706, 13.5051$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49.8578, 18.6537, -7.9591$, and the grayscale version is $55.5622, -2.9647, 3.0188$.

A 20% lighter version of the original color is $81.1961, -25.3771, 16.0726$, and $38.3530, -17.9850, 10.9777$ is the 20% darker color. If you saturate the color by 10%, you get $57.1938, -27.2526, 16.7718$, and if you desaturate by 10%, it is $59.9262, -15.6478, 10.0261$.

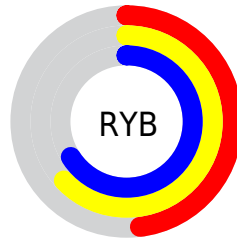
Distribution



Red (48%)

Green (66%)

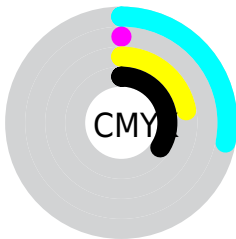
Blue (52%)



Red (48%)

Yellow (63%)

Blue (66%)

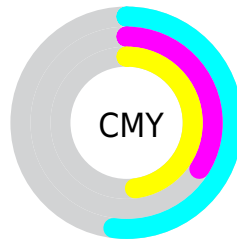


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4632, -21.7706, 13.5051 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 58.4632, -21.7706, 13.5051 by changing the saturation by 10% instead.

■ 58.4632, -21.7706,
13.5051

■ 58.4632, -21.7706,
13.5051

179.1474,
-37.6444, 25.5851

■ 47.9923, -19.8570,
12.1372

■ 81.3725, -25.4517,
16.1953

■ 38.2329, -17.8688,
10.7391

■ 93.7387, -27.2405,
17.5292

■ 29.2428, -15.7778,
9.2947

■ 106.6746,
-29.0060, 18.8616

■ 21.0945, -13.5375,
7.7770

120.1563,
-30.7537, 20.1956

■ 13.8860, -11.0658,
6.1632

134.1624,
-32.4882, 21.5333

■ 7.5183, -13.1571,
5.2628

148.6740,

0.0000, NaN, NaN

-34.2130, 22.8766

0.0000, NaN, NaN

163.6742,
-35.9309, 24.2269

0.0000, NaN, NaN

■ 58.4632, -21.7706,
13.5051

■ 58.4632, -21.7706,
13.5051

■ 57.1938, -27.2526,
16.7718

■ 59.9262, -15.6478,
10.0261

■ 56.1157, -32.0325,
19.7849

■ 61.5753, -8.9484,
6.3725

■ 55.2290, -36.0676,
22.5091

■ 63.4057, -1.7452,
2.5834

■ 54.5289, -39.3346,
24.9137

■ 65.4105, 5.8901,
-1.3057

■ 54.0066, -41.8350,
26.9758

■ 67.5815, 13.8894,
-5.2634

■ 53.6487, -43.6005,
28.6816

■ 69.9101, 22.1896,
-9.2626

■ 53.4292, -44.7277,
30.0223

■ 72.3873, 30.7349,
-13.2809

■ 53.3895, -44.9315,
30.2620

■ 74.7235, 38.6614,
-17.7288

■ 75.2657, 41.3134,
-25.2775

Harmonies

Analogous

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



58.4644, -13.9718, 19.4484



58.4632, -21.7706, 13.5051



58.4644, -24.6433, 3.5959

Triad

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



58.4644, -21.7717, 13.5058



58.4644, -3.5584, -23.6001



58.4644, 18.7009, 12.9206

Complementary

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



58.4632, -21.7706, 13.5051



49.8578, 18.6537, -7.9591

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.



58.4644, 22.0459, 2.7658



58.4632, -21.7706, 13.5051



58.4644, 8.5802, -19.7317

Square

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



58.4644, -21.7717, 13.5058



58.4644, -14.6695, -19.1639



58.4644, 18.2034, -9.4528



58.4644, 9.3963, 19.1622

Rectangle

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



58.4632, -21.7706, 13.5051



58.4644, -23.5716, -4.4735



58.4644, 18.2034, -9.4528



58.4644, 20.5915, 9.9252

Sweetspot

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



58.4644, -21.7717, 13.5058



82.3248, -12.2836, 8.6932



61.0042, -12.7749, 19.4716



38.2771, -6.3643, 4.3968



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



58.4644, -21.7717, 13.5058



77.2248, -33.4844, 20.6378



59.0578, -18.3502, 4.9805



29.0395, -4.7202, 3.2768



46.0976, -38.7433, 26.0176



7.2392, -5.7385, 3.3395

Inverse Universe

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



49.8578, 18.6537, -7.9591



63.4883, 31.1994, -13.6245



49.1276, 14.9399, 2.3772



27.6385, 1.8306, -0.2159



27.4911, 51.7027, -18.0749



4.3651, 8.3365, -3.8545

Previews

White Background



This preview shows how the HunterLab color 58.4632, -21.7706, 13.5051 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 58.4632, -21.7706, 13.5051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

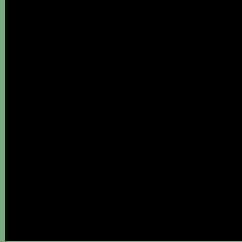
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

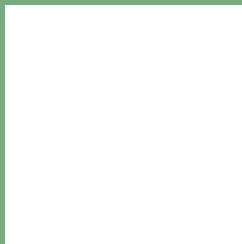
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.4632, -21.7706, 13.5051 Background



This preview shows how black text looks on a background with the HunterLab color 58.4632, -21.7706, 13.5051.



This preview shows how white text looks on a background with the HunterLab color 58.4632,

-21.7706, 13.5051.

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

58.4632, -21.7706, 13.5051

Protanopia

58.1685, -4.3364, 15.6481

Deuteranopia

58.2558, 3.7463, 12.2564



Tritanopia

58.3736, -9.9904, -5.9244

Trichromacy



Original Color

58.4632, -21.7706, 13.5051

Protanomaly

57.9893, -10.9722, 14.6605

Deuteranomaly

57.9430, -6.2151, 12.1409

Tritanomaly

58.2755, -14.5242, 1.8182

Monochromacy



Original Color

58.4632, -21.7706, 13.5051

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

56.6063, -10.5271, 7.0598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4632, -21.7706, 13.5051 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(122, 169, 132)` looks like.

```
.text, #text, p{  
    color:rgb(122, 169, 132)  
}
```

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(122, 169, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 169, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4632, -21.7706, 13.5051 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(122, 169, 132) }
```


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

```
.border{ border-color:rgb(122, 169, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 169, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 169, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 169, 132);  
box-shadow:4px 4px 4px 4px rgb(122, 169,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4632, -21.7706, 13.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 169, 132) }
```

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

```
.background{ background-color: rgb(122,  
169, 132) }
```

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