

Converting Colors

HunterLab(61.6042, -21.1998,
15.5285)

Have a look what the booklet for
HunterLab(61.6042, -21.1998,
15.5285) contains.

HunterLab(61.6042, -21.1998, 15.5285)	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(61.6042,
-21.1998, 15.5285)**

Conversions

Conversions Part 1

Format	Color
Hex	87B087
RGB	135, 176, 135
RGB Percent	53%, 69%, 53%
CMY	0.4706, 0.3098, 0.4706
CMYK	0.23, 0.00, 0.23, 0.31
HSL	120°, 21%, 61%
HSV	120°, 23%, 69%
XYZ	29.8901, 37.9508, 28.6715
YIQ	159.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

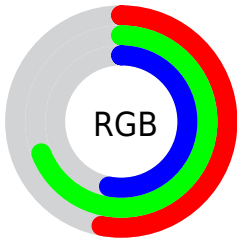
Format	Color
RYB	135, 176, 176
Decimal	8892551
CIELab	67.99, -21.99, 16.61
CIElCh	68, 27.555, 142.931
Yxy	37.9524, 0.3097, 0.3932
Android (android.graphics.Color)	4287082631 (0xFF87B087)
YUV	159.0670, -11.8650, -21.1068
Hunter-Lab	61.6042, -21.1998, 15.5285

Details

The HunterLab color $61.6042, -21.1998, 15.5285$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $54.4917, 17.3450, -10.8117$, and the grayscale version is $58.9602, -3.1460, 3.2034$.

A 20% lighter version of the original color is $84.9487, -24.8537, 18.7036$, and $40.8737, -17.4694, 12.4137$ is the 20% darker color. If you saturate the color by 10%, you get $60.1296, -27.5962, 19.8515$, and if you desaturate by 10%, it is $63.3028, -14.0482, 10.6957$.

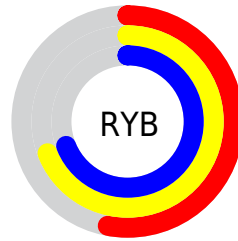
Distribution



Red (53%)

Green (69%)

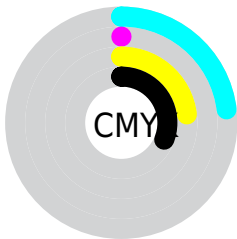
Blue (53%)



Red (53%)

Yellow (69%)

Blue (69%)

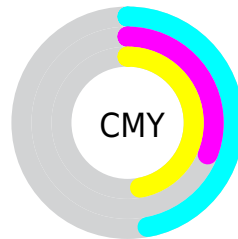


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6042, -21.1998, 15.5285 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 61.6042, -21.1998, 15.5285 by changing the saturation by 10% instead.

■ 61.6042, -21.1998,
15.5285

■ 61.6042, -21.1998,
15.5285

183.6888,
-36.4252, 28.6260

■ 50.9370, -19.3907,
14.0177

■ 84.8735, -24.7011,
18.4809

■ 40.9671, -17.5205,
12.4672

■ 97.4064, -26.4104,
19.9362

■ 31.7489, -15.5668,
10.8590

■ 110.5018,
-28.1017, 21.3847

■ 23.3495, -13.4925,
9.1643

124.1366,
-29.7798, 22.8299

■ 15.8582, -11.2341,
7.3344

138.2901,
-31.4484, 24.2747

■ 9.4024, -10.6917,
6.5817

152.9441,

0.0000, NaN, NaN

-33.1106, 25.7212

0.0000, NaN, NaN

168.0820,
-34.7689, 27.1711

0.0000, NaN, NaN

■ 61.6042, -21.1998,
15.5285

■ 61.6042, -21.1998,
15.5285

■ 60.1296, -27.5962,
19.8515

■ 63.3028, -14.0482,
10.6957

■ 58.8781, -33.1558,
23.6097

■ 65.2155, -6.2258,
5.4107

■ 57.8508, -37.8198,
26.7629

■ 67.3354, 2.1750,
-0.2638

■ 57.0433, -41.5530,
29.2871

■ 69.6532, 11.0646,
-6.2673

■ 56.4461, -44.3530,
31.1804

■ 72.1584, 20.3599,
-12.5431

■ 56.0445, -46.2557,
32.4672

■ 74.8400, 29.9856,
-19.0404

■ 55.8166, -47.3428,
33.2024

■ 77.1571, 38.0593,
-24.4896

■ 55.7244, -47.7837,
33.5005

Harmonies

Analogous

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



61.6055, -12.3164, 20.8129



61.6042, -21.1998, 15.5285



61.6055, -25.2320, 6.0826

Triad

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



61.6055, -21.2010, 15.5292



61.6055, -6.2003, -23.7011



61.6055, 20.2676, 11.5597

Complementary

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



61.6042, -21.1998, 15.5285



54.4917, 17.3450, -10.8117

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.



61.6055, 22.2296, 0.4932



61.6042, -21.1998, 15.5285



61.6055, 6.2872, -21.4354

Square

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



61.6055, -21.2010, 15.5292



61.6055, -17.0271, -17.6524



61.6055, 16.9334, -11.9621



61.6055, 11.7664, 18.8578

Rectangle

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



61.6042, -21.1998, 15.5285



61.6055, -24.8693, -1.9467



61.6055, 16.9334, -11.9621



61.6055, 21.7399, 8.2207

Sweetspot

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



61.6055, -21.2010, 15.5292



86.8062, -12.5133, 10.0761



64.8320, -9.3698, 18.8226



40.3412, -6.1090, 4.8824



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



61.6055, -21.2010, 15.5292



81.8940, -33.1586, 24.0269



62.1181, -18.2569, 8.1472



30.8060, -5.3019, 4.1614



47.7310, -40.9293, 28.6950



8.4666, -7.2601, 5.0899

Inverse Universe

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



54.4917, 17.3450, -10.8117



70.3010, 29.7851, -18.9860



53.7979, 13.7809, -1.0290



29.4053, 2.2634, -1.0085



30.1200, 59.2167, -39.7248



5.3427, 10.5040, -7.0465

Previews

White Background



This preview shows how the HunterLab color 61.6042, -21.1998, 15.5285 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 61.6042, -21.1998, 15.5285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

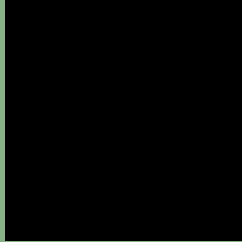
Any Text WCAG AA ✓ Pass

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 61.6042, -21.1998, 15.5285 Background



This preview shows how black text looks on a background with the HunterLab color 61.6042, -21.1998, 15.5285.



This preview shows how white text looks on a background with the HunterLab color 61.6042,

-21.1998, 15.5285.

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

61.6042, -21.1998, 15.5285

Protanopia

61.4427, -4.7149, 17.3990

Deuteranopia

61.3250, 4.1432, 14.2451



Tritanopia

61.6506, -8.7239, -5.2483

Trichromacy



Original Color

61.6042, -21.1998, 15.5285

Protanomaly

61.3343, -11.1480, 16.4965

Deuteranomaly

61.0666, -5.6705, 14.1845

Tritanomaly

61.5091, -13.4687, 2.8910

Monochromacy



Original Color

61.6042, -21.1998, 15.5285

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.6626, -10.0540, 7.9139

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.6042, -21.1998, 15.5285 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(135, 176, 135)` looks like.

```
.text, #text, p{  
    color:rgb(135, 176, 135)  
}
```

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(135, 176, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 176, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 61.6042, -21.1998, 15.5285 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(135, 176, 135) }
```


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

```
.border{ border-color:rgb(135, 176, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 176, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 176, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 176, 135);  
box-shadow:4px 4px 4px 4px rgb(135, 176,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.6042, -21.1998, 15.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 176, 135) }
```

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

```
.background{ background-color: rgb(135,  
176, 135) }
```

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