

Converting Colors

HunterLab(48.5197, -12.7105,
2.1142)

Have a look what the booklet for
HunterLab(48.5197, -12.7105,
2.1142) contains.

HunterLab(48.5197, -12.7105, 2.1142)	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(48.5197,
-12.7105, 2.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8C86
RGB	106, 140, 134
RGB Percent	42%, 55%, 53%
CMY	0.5843, 0.4510, 0.4745
CMYK	0.24, 0.00, 0.04, 0.45
HSL	169°, 14%, 48%
HSV	169°, 24%, 55%
XYZ	19.6251, 23.5416, 26.0640
YIQ	129.1500, -18.3380, -9.0740

Conversions

Conversions Part 2

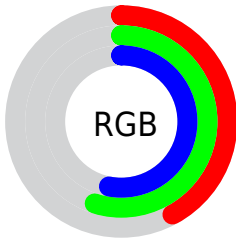
Format	Color
R_{YB}	106, 125, 140
Decimal	6982790
CIE _{Lab}	55.63, -13.21, -0.69
CIE _{LCh}	56, 13.226, 182.981
Yxy	23.5426, 0.2835, 0.3400
Android (android.graphics.Color)	4285172870 (0xFF6A8C86)
YUV	129.1500, 2.3910, -20.3026
Hunter-Lab	48.5197, -12.7105, 2.1142

Details

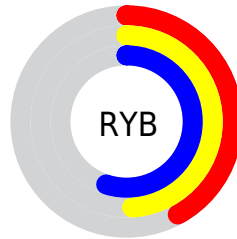
The HunterLab color $48.5197, -12.7105, 2.1142$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $41.2965, 9.4016, 3.6015$, and the grayscale version is $46.9096, -2.5030, 2.5487$.

A 20% lighter version of the original color is $70.3140, -15.5087, 3.4128$, and $29.7023, -10.2497, 1.3804$ is the 20% darker color. If you saturate the color by 10%, you get $47.6293, -16.1738, 2.1011$, and if you desaturate by 10%, it is $49.5392, -8.8566, 2.2823$.

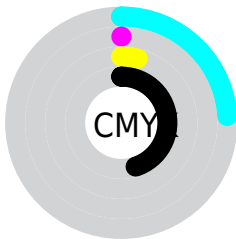
Distribution



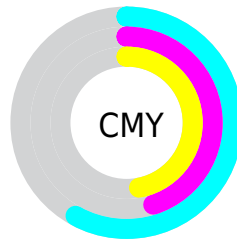
- Red (42%)
- Green (55%)
- Blue (53%)



- Red (42%)
- Yellow (49%)
- Blue (55%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (58%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5197, -12.7105, 2.1142 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 48.5197, -12.7105, 2.1142 by changing the saturation by 10% instead.

■ 48.5197, -12.7105,
2.1142

■ 48.5197, -12.7105,
2.1142

164.4687,
-24.3562, 8.1645

■ 38.7229, -11.3890,
1.6193

■ 70.2017, -15.3040,
3.2268

■ 29.6911, -10.0337,
1.1685

■ 82.0023, -16.5890,
3.8378

■ 21.4968, -8.6241,
0.7674

■ 94.3987, -17.8726,
4.4828

■ 14.2363, -7.1227,
0.4228

■ 107.3637,
-19.1580, 5.1600

■ 7.8926, -7.7138,
0.0684

120.8732,
-20.4475, 5.8679

0.0000, NaN, NaN

134.9061,

0.0000, NaN, NaN

-21.7428, 6.6054

0.0000, NaN, NaN

149.4436,
-23.0454, 7.3712

0.0000, NaN, NaN

■ 48.5197, -12.7105,
2.1142

■ 48.5197, -12.7105,
2.1142

■ 47.6293, -16.1738,
2.1011

■ 49.5392, -8.8566,
2.2823

■ 46.8651, -19.2186,
2.2405

■ 50.6833, -4.6412,
2.6008

■ 46.2262, -21.8279,
2.5297

■ 51.9506, -0.0999,
3.0655

■ 45.7092, -23.9942,
2.9614

■ 53.3375, 4.7311,
3.6695

■ 45.3084, -25.7221,
3.5250

■ 54.8397, 9.8156,
4.4050

■ 45.0152, -27.0307,
4.2056

■ 56.4527, 15.1189,
5.2629

■ 44.8174, -27.9599,
4.9837

■ 58.1714, 20.6086,
6.2341

■ 44.7231, -28.4159,
5.4417

■ 59.9905, 26.2554,
7.3092

■ 61.9048, 32.0331,
8.4791

Harmonies

Analogous

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



48.5207, -11.6613, 6.9943



48.5197, -12.7105, 2.1142



48.5207, -11.1512, -3.1629

Triad

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



48.5207, -12.7112, 2.1149



48.5207, 3.3028, -6.5823



48.5207, 2.3088, 10.7785

Complementary

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



48.5197, -12.7105, 2.1142



41.2965, 9.4016, 3.6015

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.



48.5207, 6.6059, 7.8063



48.5197, -12.7105, 2.1142



48.5207, 7.1975, -2.1570

Square

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



48.5207, -12.7112, 2.1149



48.5207, -2.0402, -8.5226



48.5207, 8.4322, 3.1615



48.5207, -3.1404, 11.6549

Rectangle

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



48.5197, -12.7105, 2.1142



48.5207, -8.7985, -6.1010



48.5207, 8.4322, 3.1615



48.5207, 3.9440, 10.0090

Sweetspot

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



48.5207, -12.7112, 2.1149



66.8442, -7.8103, 3.3121



48.2264, -15.2111, 12.6863



32.0506, -3.8821, 1.5791



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



48.5207, -12.7112, 2.1149



63.7729, -19.3929, 2.7729



45.5198, -6.8820, -4.3894



23.8196, -3.1990, 1.1539



42.1593, -26.7665, 5.0858



3.4629, -2.0206, 0.0336

Inverse Universe

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



41.2965, 9.4016, 3.6015



52.1924, 16.1629, 5.2095



43.9148, 3.4336, 8.7099



22.4991, 0.8233, 1.4160



22.3999, 38.6440, 12.2768



1.8677, 3.3041, 0.3881

Previews

White Background



This preview shows how the HunterLab color 48.5197, -12.7105, 2.1142 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5197, -12.7105, 2.1142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

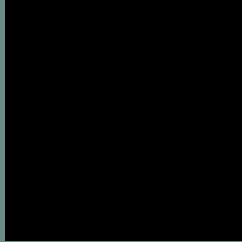
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 48.5197, -12.7105, 2.1142 Background



This preview shows how black text looks on a background with the HunterLab color 48.5197, -12.7105, 2.1142.



This preview shows how white text looks on a background with the HunterLab color 48.5197,

-12.7105, 2.1142.

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

48.5197, -12.7105, 2.1142

Protanopia

48.3203, -1.6874, 3.8316

Deuteranopia

48.3812, 3.1264, 1.3225



Tritanopia

48.5779, -8.5080, -4.9193

Trichromacy



Original Color

48.5197, -12.7105, 2.1142

Protanomaly

48.2976, -6.1021, 3.2941

Deuteranomaly

48.2391, -3.1351, 1.4972

Tritanomaly

48.6487, -10.0973, -2.3567

Monochromacy



Original Color

48.5197, -12.7105, 2.1142

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.4117, -6.2818, 2.2525

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5197, -12.7105, 2.1142 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(106, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(106, 140, 134)  
}
```

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(106, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 140, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5197, -12.7105, 2.1142 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(106, 140, 134) }
```


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

```
.border{ border-color:rgb(106, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(106, 140,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5197, -12.7105, 2.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 140, 134) }
```

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

```
.background{ background-color: rgb(106,  
140, 134) }
```

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