

Converting Colors

HunterLab(56.1191, -1.3712,
15.7830)

Have a look what the booklet for
HunterLab(56.1191, -1.3712,
15.7830) contains.

HunterLab(56.1191, -1.3712, 15.7830)	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(56.1191, -1.3712,
15.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	A89678
RGB	168, 150, 120
RGB Percent	66%, 59%, 47%
CMY	0.3412, 0.4117, 0.5294
CMYK	0.00, 0.11, 0.29, 0.34
HSL	38°, 22%, 56%
HSV	38°, 29%, 66%
XYZ	30.4449, 31.4935, 22.2435
YIQ	151.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

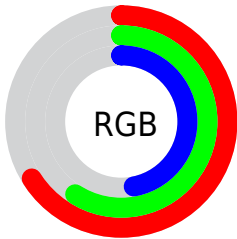
Format	Color
RYB	149, 168, 120
Decimal	11048568
CIELab	62.92, 1.92, 18.28
CIElCh	63, 18.384, 83.993
Yxy	31.4950, 0.3617, 0.3741
Android (android.graphics.Color)	4289238648 (0xFFA89678)
YUV	151.9620, -15.7573, 14.0653
Hunter-Lab	56.1191, -1.3712, 15.7830

Details

The HunterLab color $56.1191, -1.3712, 15.7830$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49.9965, -2.1581, -13.1622$, and the grayscale version is $56.0763, -2.9921, 3.0467$.

A 20% lighter version of the original color is $78.7474, -2.3029, 19.0975$, and $36.0880, -0.4881, 12.4348$ is the 20% darker color. If you saturate the color by 10%, you get $54.0052, -0.1924, 19.1284$, and if you desaturate by 10%, it is $58.3130, -2.2907, 11.9045$.

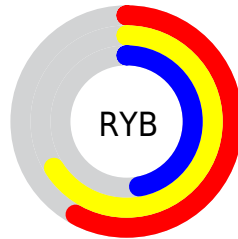
Distribution



Red (66%)

Green (59%)

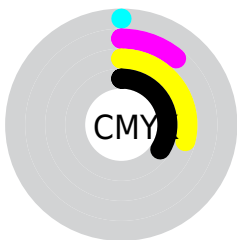
Blue (47%)



Red (58%)

Yellow (66%)

Blue (47%)

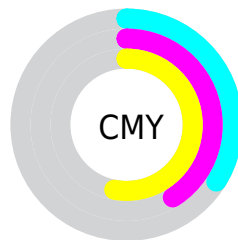


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1191, -1.3712, 15.7830 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 56.1191, -1.3712, 15.7830 by changing the saturation by 10% instead.

■ 56.1191, -1.3712,
15.7830

■ 56.1191, -1.3712,
15.7830

175.7305, -7.0166,
29.6167

■ 45.7996, -0.9270,
14.1478

■ 78.7518, -2.3897,
18.9458

■ 36.2029, -0.5274,
12.4540

■ 90.9901, -2.9545,
20.4924

■ 27.3896, -0.1795,
10.6763

■ 103.8038, -3.5541,
22.0252

■ 19.4369, 0.1092,
8.7731

117.1683, -4.1865,
23.5489

■ 12.4504, 0.3280,
7.3840

131.0616, -4.8502,
25.0673

■ 5.6888, 1.1697,
3.9822

145.4644, -5.5440,

0.0000, NaN, NaN

26.5833

0.0000, NaN, NaN

160.3593, -6.2664,
28.0991

0.0000, NaN, NaN

■ 56.1191, -1.3712,
15.7830

■ 56.1191, -1.3712,
15.7830

■ 54.0052, -0.1924,
19.1284

■ 58.3130, -2.2907,
11.9045

■ 51.9715, 1.2613,
21.9058

■ 60.5787, -2.9573,
7.5252

■ 50.0236, 2.9947,
24.0870

■ 62.9136, -3.3861,
2.6801

■ 48.1654, 5.0099,
25.6503

■ 65.3138, -3.5910,
-2.5973

■ 46.4001, 7.3021,
26.5865

■ 67.7755, -3.5856,
-8.2751

■ 44.7299, 9.8566,
26.9063

■ 70.2953, -3.3835,
-14.3236

■ 43.1512, 12.6231,
26.7158

■ 72.8701, -2.9976,
-20.7151

■ 42.9309, 13.0230,
26.6818

■ 75.4968, -2.4404,
-27.4242

■ 77.4737, -5.5479,
-24.7607

Harmonies

Analogous

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



56.1204, 6.3683, 13.6823



56.1191, -1.3712, 15.7830



56.1204, -9.1373, 14.8821

Triad

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



56.1204, -1.3730, 15.7837



56.1204, -16.4148, -3.2501



56.1204, 10.0432, -6.2812

Complementary

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



56.1191, -1.3712, 15.7830



49.9965, -2.1581, -13.1622

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.



56.1204, 3.4182, -12.0840



56.1191, -1.3712, 15.7830



56.1204, -11.7866, -10.1691

Square

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



56.1204, -1.3730, 15.7837



56.1204, -17.5384, 4.5697



56.1204, -4.6036, -13.5983



56.1204, 13.1935, 1.4964

Rectangle

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



56.1191, -1.3712, 15.7830



56.1204, -13.3215, 12.6251



56.1204, -4.6036, -13.5983



56.1204, 8.1314, -8.5690

Sweetspot

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



56.1204, -1.3730, 15.7837



81.4208, -3.9395, 10.5058



48.5847, 15.9443, 0.6879



37.8099, -1.7884, 5.3064



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.



56.1204, -1.3730, 15.7837



73.8614, -0.9301, 24.0784



60.8973, -11.6748, 20.0195



28.7993, -1.3908, 3.7443



37.4417, 11.0453, 23.2648



6.5916, 0.3113, 4.0672

Inverse Universe

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



49.9965, -2.1581, -13.1622



63.9499, -2.1005, -22.9577



45.4596, 8.1258, -20.1622



27.8284, -1.5313, -0.8148



22.1594, 15.3935, -60.9274



4.6688, -0.0317, -5.7673

Previews

White Background



This preview shows how the HunterLab color 56.1191, -1.3712, 15.7830 looks on a white background.

Color Contrast Check

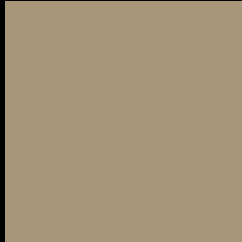
Large Text (above 18pt) WCAG AA × Fail

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 56.1191, -1.3712, 15.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

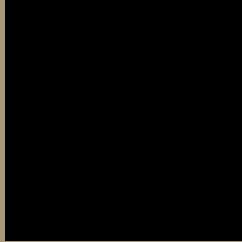
Any Text WCAG AA ✓ Pass

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 56.1191, -1.3712, 15.7830 Background



This preview shows how black text looks on a background with the HunterLab color 56.1191, -1.3712, 15.7830.



This preview shows how white text looks on a background with the HunterLab color 56.1191, -1.3712, 15.7830.

15.7830.

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

56.1191, -1.3712, 15.7830

Protanopia

56.1412, -4.1988, 15.4167

Deuteranopia

56.0386, 4.1495, 15.4646



Tritanopia

56.0551, 7.4316, 1.4034

Trichromacy



Original Color

56.1191, -1.3712, 15.7830

Protanomaly

56.0412, -3.0665, 15.3409

Deuteranomaly

55.8986, 2.2562, 15.2974

Tritanomaly

56.1325, 4.1197, 7.2123

Monochromacy



Original Color

56.1191, -1.3712, 15.7830

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

55.9426, -2.4931, 8.1324

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.1191, -1.3712, 15.7830 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(168, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(168, 150, 120)  
}
```

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(168, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 150, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 56.1191, -1.3712, 15.7830 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(168, 150, 120) }
```


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

```
.border{ border-color:rgb(168, 150, 120) }
```

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

Here you see how a box with a 4 pixel rgb(168, 150, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(168, 150,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.1191, -1.3712, 15.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 150, 120) }
```

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

```
.background{ background-color: rgb(168,  
150, 120) }
```

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