

Converting Colors

HunterLab(50.7089, 3.8978,
12.3940)

Have a look what the booklet for
HunterLab(50.7089, 3.8978,
12.3940) contains.

HunterLab(50.6895, 4.1972, 12.3365)	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(50.6895, 4.1972,
12.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	A28573
RGB	162, 133, 115
RGB Percent	64%, 52%, 45%
CMY	0.3647, 0.4784, 0.5490
CMYK	0.00, 0.18, 0.29, 0.36
HSL	23°, 20%, 54%
HSV	23°, 29%, 64%
XYZ	26.3823, 25.6943, 19.7886
YIQ	139.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

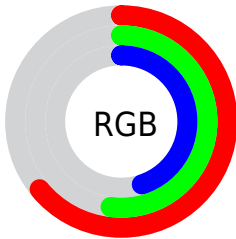
Format	Color
R_{YB}	162, 144, 115
Decimal	10650995
CIE _{Lab}	57.75, 8.29, 13.86
CIE _{LCh}	58, 16.149, 59.128
Yxy	25.6954, 0.3671, 0.3575
Android (android.graphics.Color)	4288841075 (0xFFA28573)
YUV	139.6190, -12.1372, 19.6281
Hunter-Lab	50.6895, 4.1972, 12.3365

Details

The HunterLab color $50.6895, 4.1972, 12.3365$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $51.1851, -7.3956, -8.1846$, and the grayscale version is $51.0998, -2.7266, 2.7763$.

A 20% lighter version of the original color is $72.6727, 4.1011, 15.0256$, and $31.3735, 4.3415, 9.3730$ is the 20% darker color. If you saturate the color by 10%, you get $47.6936, 7.2097, 14.9022$, and if you desaturate by 10%, it is $53.8239, 1.4291, 9.4589$.

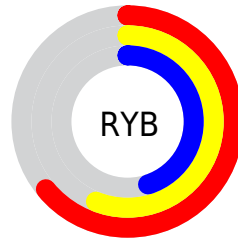
Distribution



Red (64%)

Green (52%)

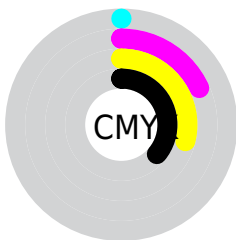
Blue (45%)



Red (64%)

Yellow (56%)

Blue (45%)

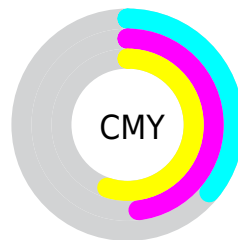


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6895, 4.1972, 12.3365 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 50.6895, 4.1972, 12.3365 by changing the saturation by 10% instead.

■ 50.6895, 4.1972,
12.3365

■ 50.6895, 4.1972,
12.3365

167.7152, 1.1826,
24.3065

■ 40.7381, 4.2680,
10.9656

■ 72.6521, 3.8595,
15.0160

■ 31.5386, 4.2653,
9.5548

■ 84.5815, 3.6087,
16.3396

■ 23.1597, 4.1743,
8.0815

■ 97.1006, 3.3089,
17.6597

■ 15.6914, 3.9759,
6.5061

110.1829, 2.9637,
18.9799

■ 9.2608, 3.6454,
6.4826

123.8050, 2.5761,
20.3028

0.0000, NaN, NaN

137.9464, 2.1486,

0.0000, NaN, NaN

21.6306

0.0000, NaN, NaN

152.5887, 1.6835,
22.9647

0.0000, NaN, NaN

■ 50.6895, 4.1972,
12.3365

■ 50.6895, 4.1972,
12.3365

■ 47.6936, 7.2097,
14.9022

■ 53.8239, 1.4291,
9.4589

■ 44.8480, 10.4840,
17.1062

■ 57.0797, -1.1057,
6.3085

■ 42.1712, 14.0210,
18.8971

■ 60.4462, -3.4278,
2.9215

■ 39.6821, 17.8091,
20.2210

■ 63.9132, -5.5565,
-0.6723

■ 37.4008, 21.8148,
21.0289

■ 67.4718, -7.5102,
-4.4479

■ 35.3473, 25.9741,
21.2900

■ 71.1143, -9.3065,
-8.3844

■ 33.5330, 30.1546,
21.1095

■ 74.8339, -10.9612,
-12.4643

■ 33.3655, 30.5563,
21.0946

■ 78.6247, -12.4887,
-16.6729

■ 82.2514, -15.1918,
-17.7800

Harmonies

Analogous

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



50.6907, 9.2583, 8.4611



50.6895, 4.1972, 12.3365



50.6907, -2.5077, 13.7105

Triad

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



50.6907, 4.1954, 12.3372



50.6907, -15.1592, 2.9487



50.6907, 3.8319, -9.3861

Complementary

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



50.6895, 4.1972, 12.3365



51.1851, -7.3956, -8.1846

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.



50.6907, -2.9069, -11.3587



50.6895, 4.1972, 12.3365



50.6907, -13.6569, -3.6931

Square

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



50.6907, 4.1954, 12.3372



50.6907, -13.4745, 8.7495



50.6907, -9.2596, -9.1522



50.6907, 9.0408, -4.0650

Rectangle

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



50.6895, 4.1972, 12.3365



50.6907, -6.9314, 13.1828



50.6907, -9.2596, -9.1522



50.6907, 1.6595, -10.4916

Sweetspot

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



50.6907, 4.1954, 12.3372



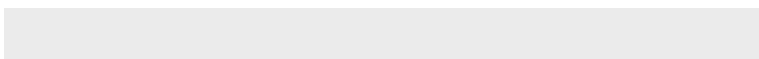
76.8368, -1.4376, 8.5703



46.8831, 17.4179, -4.5641



36.1194, -0.4633, 4.3518



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



50.6907, 4.1954, 12.3372



65.5906, 8.3172, 18.9736



57.1024, -6.6545, 18.2284



27.4044, -0.5013, 3.0743



29.7467, 26.7761, 18.7986



5.2496, 1.7236, 3.2650

Inverse Universe

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



51.1851, -7.3956, -8.1846



66.3950, -10.6955, -14.6903



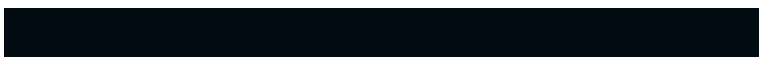
44.7140, 3.4352, -17.7128



27.4832, -2.3253, -0.1551



30.5164, -2.1254, -33.5548



5.3180, -1.6613, -3.0608

Previews

White Background



This preview shows how the HunterLab color 50.6895, 4.1972, 12.3365 looks on a white background.

Color Contrast Check

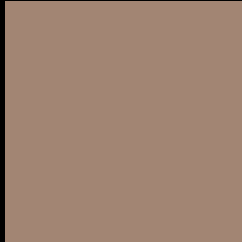
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6895, 4.1972, 12.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

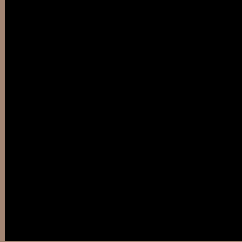
Any Text WCAG AA ✓ Pass

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 50.6895, 4.1972, 12.3365 Background



This preview shows how black text looks on a background with the HunterLab color 50.6895, 4.1972, 12.3365.



This preview shows how white text looks on a background with the HunterLab color 50.6895, 4.1972,

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

50.6895, 4.1972, 12.3365

Protanopia

50.8766, -3.5787, 11.3133

Deuteranopia

50.8577, 3.3681, 12.4883



Tritanopia

50.5898, 10.6185, 2.2813

Trichromacy



Original Color

50.6895, 4.1972, 12.3365

Protanomaly

50.8440, -0.8382, 11.6898

Deuteranomaly

50.8577, 3.3681, 12.4883

Tritanomaly

50.4940, 8.4583, 6.0490

Monochromacy



Original Color

50.6895, 4.1972, 12.3365

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

50.8192, -0.2262, 6.2587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6895, 4.1972, 12.3365 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(162, 133, 115)` looks like.

```
.text, #text, p{  
    color:rgb(162, 133, 115)  
}
```

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(162, 133, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 133, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6895, 4.1972, 12.3365 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(162, 133, 115) }
```


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

```
.border{ border-color:rgb(162, 133, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 133, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 133, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 133, 115);  
box-shadow:4px 4px 4px 4px rgb(162, 133,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6895, 4.1972, 12.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 133, 115) }
```

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

```
.background{ background-color: rgb(162,  
133, 115) }
```

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