

Converting Colors

HunterLab(29.9747, 6.0698,
2.1387)

Have a look what the booklet for
HunterLab(29.9747, 6.0698, 2.1387)
contains.

HunterLab(30.0946, 5.9103, 2.1232)	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(30.0946, 5.9103,
2.1232)**

Conversions

Conversions Part 1

Format	Color
Hex	664F54
RGB	102, 79, 84
RGB Percent	40%, 31%, 33%
CMY	0.6000, 0.6902, 0.6706
CMYK	0.00, 0.23, 0.18, 0.60
HSL	347°, 13%, 35%
HSV	347°, 23%, 40%
XYZ	9.8757, 9.0568, 9.6152
YIQ	86.4470, 12.1030, 6.4310

Conversions

Conversions Part 2

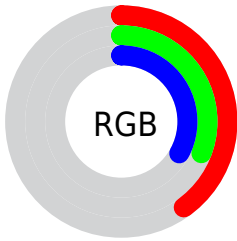
Format	Color
R_{YB}	102, 79, 84
Decimal	6704980
CIE _{Lab}	36.09, 10.52, 0.75
CIE _{LCh}	36, 10.545, 4.103
Yxy	9.0573, 0.3459, 0.3173
Android (android.graphics.Color)	4284895060 (0xFF664F54)
YUV	86.4470, -1.2064, 13.6400
Hunter-Lab	30.0946, 5.9103, 2.1232

Details

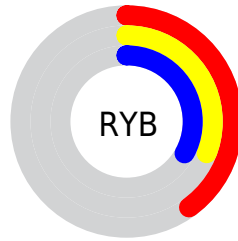
The HunterLab color $30.0946, 5.9103, 2.1232$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $34.6819, -8.5365, 1.8867$, and the grayscale version is $30.6710, -1.6365, 1.6664$.

A 20% lighter version of the original color is $48.8918, 6.0397, 3.3230$, and $14.5009, 5.5670, 1.1848$ is the 20% darker color. If you saturate the color by 10%, you get $27.5297, 9.5340, 2.3981$, and if you desaturate by 10%, it is $32.8265, 2.3675, 1.9878$.

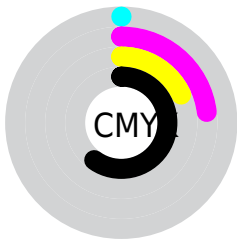
Distribution



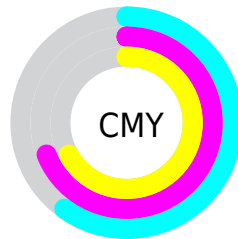
- Red (40%)
- Green (31%)
- Blue (33%)



- Red (40%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (60%)



- Cyan (60%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0946, 5.9103, 2.1232 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 30.0946, 5.9103, 2.1232 by changing the saturation by 10% instead.

30.0946, 5.9103,
2.1232

30.0946, 5.9103,
2.1232

135.5745, 4.8140,
8.1859

21.8599, 5.6636,
1.6255

48.9964, 6.1131,
3.2396

14.5531, 5.2938,
1.1713

59.5364, 6.0980,
3.8522

8.2139, 5.1687,
0.8279

70.7395, 6.0171,
4.4985

0.0000, NaN, NaN

0.0000, NaN, NaN

82.5687, 5.8769,
5.1770

0.0000, NaN, NaN

94.9923, 5.6826,
5.8862

0.0000, NaN, NaN

107.9832, 5.4384,

0.0000, NaN, NaN

121.5176, 5.1479,
7.3917

■ 30.0946, 5.9103,
2.1232

■ 30.0946, 5.9103,
2.1232

■ 27.5297, 9.5340,
2.3981

■ 32.8265, 2.3675,
1.9878

■ 25.1591, 13.2098,
2.8335

■ 35.6994, -1.0813,
1.9689

■ 23.0186, 16.8687,
3.4500

■ 38.6947, -4.4394,
2.0483

■ 21.1484, 20.3888,
4.2581

■ 41.7969, -7.7144,
2.2102

■ 19.5906, 23.5843,
5.2478

■ 44.9933, -10.9164,
2.4418

■ 18.3821, 26.2170,
6.3765

■ 48.2738, -14.0558,
2.7324

■ 17.5335, 28.0890,
7.5559

■ 51.6298, -17.1424,
3.0734

■ 16.9805, 29.4246,
8.2985

■ 55.0545, -20.1852,
3.4578

■ 58.5419, -23.1919,
3.8800

Harmonies

Analogous

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



30.0953, 5.1412, -1.5065



30.0946, 5.9103, 2.1232



30.0953, 4.5839, 5.2280

Triad

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



30.0953, 5.9093, 2.1237



30.0953, -5.5356, 6.7715



30.0953, -4.6853, -5.1910

Complementary

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



30.0946, 5.9103, 2.1232



34.6819, -8.5365, 1.8867

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.



30.0953, -7.3354, -2.4569



30.0946, 5.9103, 2.1232



30.0953, -7.8093, 4.4763

Square

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



30.0953, 5.9093, 2.1237



30.0953, -2.1204, 7.6957



30.0953, -8.4519, 1.1444



30.0953, -1.0909, -6.0181

Rectangle

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



30.0946, 5.9103, 2.1232



30.0953, 2.7277, 6.6712



30.0953, -8.4519, 1.1444



30.0953, -5.7102, -4.4493

Sweetspot

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



30.0953, 5.9093, 2.1237



45.4843, 0.6783, 2.6015



30.1214, 7.0534, -6.0592



22.0345, 0.3982, 1.2639



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



30.0953, 5.9093, 2.1237



38.0492, 10.3233, 2.9776



31.4765, 2.4763, 5.5046



16.8976, 0.5523, 0.9826



19.2297, 33.2951, 9.6073



43.7896, 75.5707, 23.8030

Inverse Universe

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



30.0953, 5.9093, 2.1237



38.0492, 10.3233, 2.9776



33.1109, -5.1461, -2.1966



16.8976, 0.5523, 0.9826



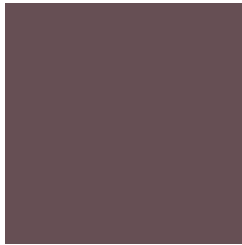
19.2297, 33.2951, 9.6073



43.7896, 75.5707, 23.8030

Previews

White Background



This preview shows how the HunterLab color 30.0946, 5.9103, 2.1232 looks on a white background.

Color Contrast Check

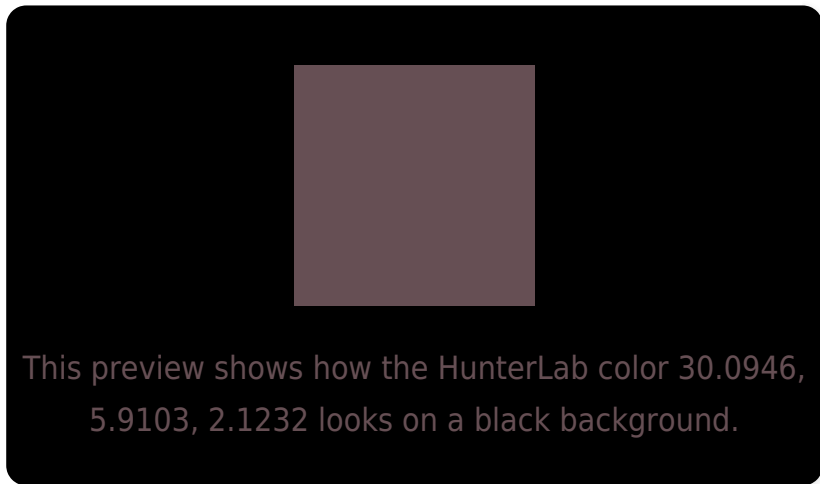
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

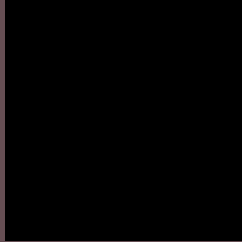
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 30.0946, 5.9103, 2.1232 Background



This preview shows how black text looks on a background with the HunterLab color 30.0946, 5.9103, 2.1232.

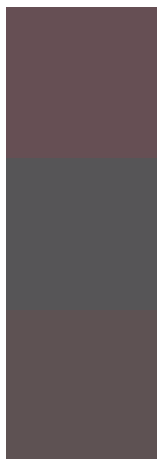


This preview shows how white text looks on a background with the HunterLab color 30.0946, 5.9103,

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

30.0946, 5.9103, 2.1232

Protanopia

30.2714, -1.0456, 0.9743

Deuteranopia

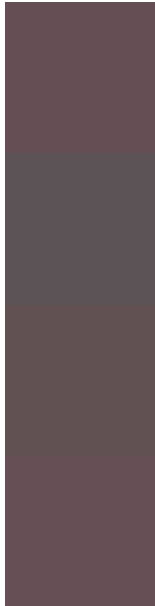
30.0646, 1.9780, 2.4215



Tritanopia

30.1208, 6.0473, 1.7490

Trichromacy



Original Color

30.0946, 5.9103, 2.1232

Protanomaly

30.2220, 1.3702, 1.3747

Deuteranomaly

30.0845, 3.3239, 2.4680

Tritanomaly

30.1208, 6.0473, 1.7490

Monochromacy



Original Color

30.0946, 5.9103, 2.1232

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.1955, 1.2276, 1.7526

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0946, 5.9103, 2.1232 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(102, 79, 84)` looks like.

```
.text, #text, p{  
  color:rgb(102, 79, 84)  
}
```

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(102, 79, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 79, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0946, 5.9103, 2.1232 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(102, 79, 84) }
```


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

```
.border{ border-color:rgb(102, 79, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 79, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 79, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 79, 84);  
box-shadow:4px 4px 4px 4px rgb(102, 79,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0946, 5.9103, 2.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 79, 84) }
```

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

```
.background{ background-color: rgb(102, 79,  
84) }
```

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