

Converting Colors

HunterLab(30.2822, 14.2590,
-5.6603)

Have a look what the booklet for
HunterLab(30.2822, 14.2590,
-5.6603) contains.

| | |
|---|----|
| HunterLab(30.1727, 14.2631, -5.8591) | 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(30.1727, 14.2631,
-5.8591)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6F4966 |
| RGB | 111, 73, 102 |
| RGB Percent | 44%, 29%, 40% |
| CMY | 0.5647, 0.7137, 0.6000 |
| CMYK | 0.00, 0.34, 0.08, 0.56 |
| HSL | 314°, 21%, 36% |
| HSV | 314°, 34%, 44% |
| XYZ | 11.3364, 9.1039, 13.7301 |
| YIQ | 87.6680, 13.3390, 17.0750 |

Conversions

Conversions Part 2

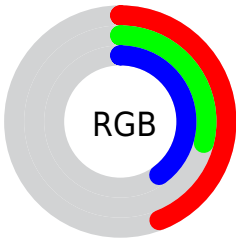
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 111, 73, 102 |
| Decimal | 7293286 |
| CIE _{Lab} | 36.18, 21.19, -10.32 |
| CIE _{LCh} | 36, 23.570, 334.034 |
| Yxy | 9.1043, 0.3318, 0.2664 |
| Android (android.graphics.Color) | 4285483366 (0xFF6F4966) |
| YUV | 87.6680, 7.0657, 20.4622 |
| Hunter-Lab | 30.1727, 14.2631, -5.8591 |

Details

The HunterLab color **30.1727, 14.2631, -5.8591** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36.5989, -15.4934, 9.3481**, and the grayscale version is **31.0891, -1.6588, 1.6891**.

A 20% lighter version of the original color is **48.9954, 15.5883, -6.0055**, and **14.5962, 12.2628, -5.4732** is the 20% darker color. If you saturate the color by 10%, you get **27.7889, 19.0911, -7.9272**, and if you desaturate by 10%, it is **32.7849, 9.4027, -3.6227**.

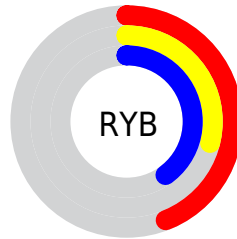
Distribution



Red (44%)

Green (29%)

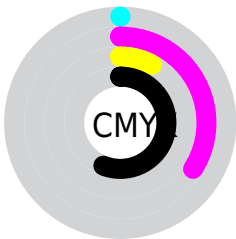
Blue (40%)



Red (44%)

Yellow (29%)

Blue (40%)

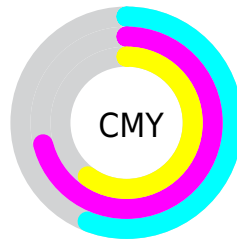


Cyan (0%)

Magenta (34%)

Yellow (8%)

Black (56%)



Cyan (56%)

Magenta (71%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1727, 14.2631, -5.8591 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 30.1727, 14.2631, -5.8591 by changing the saturation by 10% instead.

30.1727, 14.2631,
-5.8591

30.1727, 14.2631,
-5.8591

135.7035, 17.4686,
-4.1493

21.9301, 13.4115,
-5.7281

49.0883, 15.5793,
-5.8828

14.6144, 12.4054,
-5.5079

59.6344, 16.0790,
-5.7928

8.2744, 11.6656,
-5.3814

70.8434, 16.4892,
-5.6432

0.0000, INF, -NF

0.0000, NaN, NaN

82.6780, 16.8191,
-5.4390

0.0000, NaN, NaN

95.1068, 17.0763,
-5.1842

0.0000, NaN, NaN

108.1027, 17.2670,

0.0000, NaN, NaN

-4.8824

0.0000, NaN, NaN

121.6419, 17.3963,
-4.5366

■ 30.1727, 14.2631,
-5.8591

■ 30.1727, 14.2631,
-5.8591

■ 27.7889, 19.0911,
-7.9272

■ 32.7849, 9.4027,
-3.6227

■ 25.6676, 23.7658,
-9.7458

■ 35.5915, 4.5861,
-1.2792

■ 23.8482, 28.0986,
-11.2067

■ 38.5662, -0.1508,
1.1320

■ 22.3666, 31.8432,
-12.1882

■ 41.6865, -4.7934,
3.5853

■ 21.2486, 34.7322,
-12.5813

■ 44.9340, -9.3403,
6.0647

■ 20.4794, 36.6259,
-12.3665

■ 48.2935, -13.7971,
8.5603

■ 20.0769, 37.6260,
-12.1719

■ 51.7526, -18.1727,
11.0665

■ 55.3009, -22.4772,
13.5802

■ 58.9299, -26.7207,
16.0999

Harmonies

Analogous

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



30.1734, 7.9335, -13.9970



30.1727, 14.2631, -5.8591



30.1734, 16.1773, 2.6995

Triad

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



30.1734, 14.2620, -5.8584



30.1734, -2.7352, 13.2700



30.1734, -13.8230, -8.2428

Complementary

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



30.1727, 14.2631, -5.8591



36.5989, -15.4934, 9.3481

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.



30.1734, -16.0447, 0.5457



30.1727, 14.2631, -5.8591



30.1734, -10.1003, 11.7738

Square

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



30.1734, 14.2620, -5.8584



30.1734, 5.7626, 12.4184



30.1734, -14.7593, 7.6057



30.1734, -8.3392, -15.6163

Rectangle

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



30.1727, 14.2631, -5.8591



30.1734, 14.5371, 7.2355



30.1734, -14.7593, 7.6057



30.1734, -14.9472, -5.2810

Sweetspot

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



30.1734, 14.2620, -5.8584



49.1780, 3.6126, -0.4428



27.7509, 7.5267, -14.8993



23.8937, 2.1101, -0.3887



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



30.1734, 14.2620, -5.8584



37.8331, 24.1902, -10.0458



29.6170, 11.4830, 2.0131



18.5489, 1.0500, -0.0134



21.7846, 40.8107, -13.0852



48.4786, 90.5785, -27.2584

Inverse Universe

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



30.1734, 14.2620, -5.8584



37.8331, 24.1902, -10.0458



37.0440, -12.9073, 2.9491



18.5489, 1.0500, -0.0134



21.7846, 40.8107, -13.0852



48.4786, 90.5785, -27.2584

Previews

White Background



This preview shows how the HunterLab color 30.1727, 14.2631, -5.8591 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



This preview shows how the HunterLab color 30.1727, 14.2631, -5.8591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

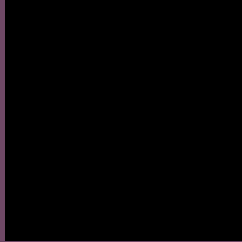
Any Text WCAG AA × Fail

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 30.1727, 14.2631, -5.8591 Background



This preview shows how black text looks on a background with the HunterLab color 30.1727, 14.2631, -5.8591.



This preview shows how white text looks on a background with the HunterLab color 30.1727, 14.2631, -5.8591.

-5.8591.

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

30.1727, 14.2631, -5.8591

Protanopia

30.4714, 1.0804, -9.9083

Deuteranopia

30.2206, 2.1867, -4.9938



Tritanopia

30.3043, 8.9441, 2.8188

Trichromacy



Original Color

30.1727, 14.2631, -5.8591

Protanomaly

30.2829, 5.4224, -8.4787

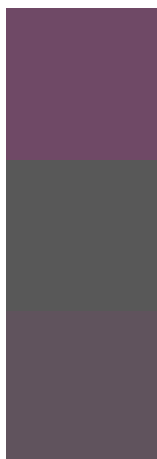
Deuteranomaly

30.0306, 6.7006, -5.6857

Tritanomaly

30.3679, 10.6924, 0.0145

Monochromacy



Original Color

30.1727, 14.2631, -5.8591

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.7630, 3.5676, -0.9407

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1727, 14.2631, -5.8591 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(111, 73, 102)` looks like.

```
.text, #text, p{  
    color:rgb(111, 73, 102)  
}
```

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(111, 73, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 73, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1727, 14.2631, -5.8591 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(111, 73, 102) }
```


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

```
.border{ border-color:rgb(111, 73, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 73, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 73, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 73, 102); box-shadow:4px 4px 4px 4px rgb(111, 73, 102) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.1727, 14.2631, -5.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 73, 102) }
```

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

```
.background{ background-color: rgb(111, 73,  
102) }
```

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