

Converting Colors

HunterLab(31.4650, -7.2004,
-14.1306)

Have a look what the booklet for
HunterLab(31.4650, -7.2004,
-14.1306) contains.

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Color

**HunterLab(31.4594, -7.2134,
-14.2301)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C5E78 |
| RGB | 44, 94, 120 |
| RGB Percent | 17%, 37%, 47% |
| CMY | 0.8274, 0.6314, 0.5294 |
| CMYK | 0.63, 0.22, 0.00, 0.53 |
| HSL | 201°, 46%, 32% |
| HSV | 201°, 63%, 47% |
| XYZ | 8.4316, 9.8969, 19.2352 |
| YIQ | 82.0140, -38.1460, -2.5140 |

Conversions

Conversions Part 2

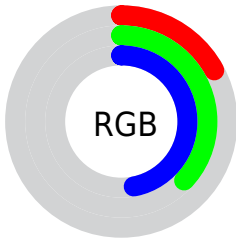
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 44, 74, 120 |
| Decimal | 2907768 |
| CIELab | 37.66, -8.29, -19.71 |
| CIElCh | 38, 21.380, 247.199 |
| Yxy | 9.8973, 0.2245, 0.2635 |
| Android (android.graphics.Color) | 4281097848 (0xFF2C5E78) |
| YUV | 82.0140, 18.7271, -33.3383 |
| Hunter-Lab | 31.4594, -7.2134, -14.2301 |

Details

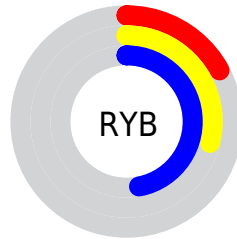
The HunterLab color **31.4594, -7.2134, -14.2301** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **29.2501, 12.2229, 13.4069**, and the grayscale version is **28.9975, -1.5472, 1.5755**.

A 20% lighter version of the original color is **50.4643, -9.2592, -14.9219**, and **16.0276, -3.6105, -12.2392** is the 20% darker color. If you saturate the color by 10%, you get **29.9300, -6.8525, -16.8779**, and if you desaturate by 10%, it is **33.0943, -7.2198, -11.5688**.

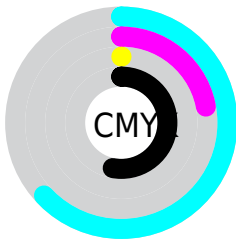
Distribution



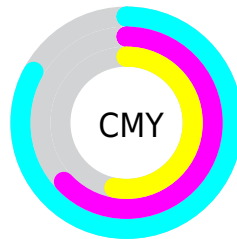
- Red (17%)
- Green (37%)
- Blue (47%)



- Red (17%)
- Yellow (29%)
- Blue (47%)



- Cyan (63%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (83%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4594, -7.2134, -14.2301 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 31.4594, -7.2134, -14.2301 by changing the saturation by 10% instead.

31.4594, -7.2134,
-14.2301

31.4594, -7.2134,
-14.2301

137.8178,
-16.6216, -15.4720

23.0888, -6.1828,
-13.7849

50.5986, -9.2493,
-14.9363

15.6291, -5.1232,
-13.3165

61.2449, -10.2701,
-15.1895

9.2072, -4.4129,
-12.9611

72.5482, -11.2987,
-15.3783

0.0000, NaN, -NF

0.0000, NaN, NaN

84.4722, -12.3374,
-15.5060

0.0000, NaN, NaN

96.9862, -13.3881,
-15.5760

0.0000, NaN, NaN

110.0636,

0.0000, NaN, NaN

-14.4518, -15.5918

0.0000, NaN, NaN

123.6810,
-15.5294, -15.5561

■ 31.4594, -7.2134,
-14.2301

■ 31.4594, -7.2134,
-14.2301

■ 29.9300, -6.8525,
-16.8779

■ 33.0943, -7.2198,
-11.5688

■ 28.5080, -6.1225,
-19.4971

■ 34.8276, -6.8945,
-8.9106

■ 27.1937, -5.0278,
-22.0740

■ 36.6543, -6.2640,
-6.2665

■ 26.3447, -4.2142,
-23.8314

■ 38.5680, -5.3564,
-3.6451

■ 40.5629, -4.1991,
-1.0522

■ 42.6332, -2.8179,
1.5091

■ 44.7736, -1.2366,
4.0370

■ 46.9792, 0.5234,
6.5315

■ 49.2452, 2.4431,
8.9934

Harmonies

Analogous

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



31.4600, -12.6237, -8.0453



31.4594, -7.2134, -14.2301



31.4600, 0.1962, -15.7047

Triad

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



31.4600, -7.2134, -14.2295



31.4600, 14.3927, 3.4264



31.4600, -10.1385, 10.9902

Complementary

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



31.4594, -7.2134, -14.2301



29.2501, 12.2229, 13.4069

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.



31.4600, -3.5139, 12.7239



31.4594, -7.2134, -14.2301



31.4600, 10.9993, 9.0914

Square

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



31.4600, -7.2134, -14.2295



31.4600, 13.1607, -4.2474



31.4600, 4.2637, 12.1238



31.4600, -14.1957, 6.6949

Rectangle

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



31.4594, -7.2134, -14.2301



31.4600, 5.3753, -13.5616



31.4600, 4.2637, 12.1238



31.4600, -8.1642, 11.8382

Sweetspot

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



31.4600, -7.2134, -14.2295



52.1590, -6.5478, -3.5004



37.9506, -24.8346, 14.0685



25.0917, -3.3551, -2.0988



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



31.4600, -7.2134, -14.2295



38.8205, -8.7103, -23.9638



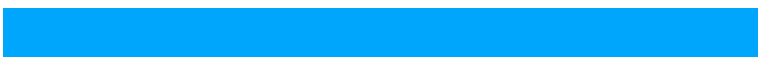
21.8755, 9.6645, -34.5126



20.7182, -1.8196, 0.0194



27.4676, -4.3257, -24.9943



58.6174, -7.2858, -57.5386

Inverse Universe

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



25.6962, 29.1311, -8.0909



30.9956, 45.9391, -11.1837



38.4191, -4.5425, 19.9162



20.1378, 1.0918, 0.2031



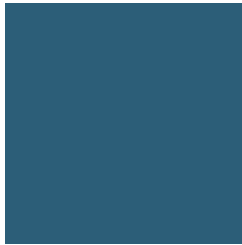
22.2902, 40.9194, -6.8898



48.5137, 88.7625, -12.6917

Previews

White Background



This preview shows how the HunterLab color 31.4594, -7.2134, -14.2301 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 31.4594, -7.2134, -14.2301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

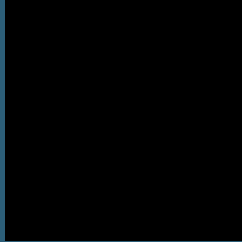
Any Text WCAG AA × Fail

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 31.4594, -7.2134, -14.2301 Background



This preview shows how black text looks on a background with the HunterLab color 31.4594, -7.2134, -14.2301.

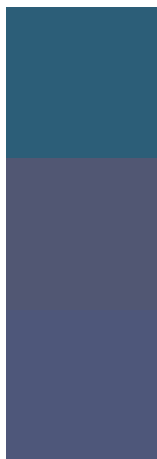


This preview shows how white text looks on a background with the HunterLab color 31.4594, -7.2134, -14.2301.

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

31.4594, -7.2134, -14.2301

Protanopia

31.3106, 1.6233, -11.3918

Deuteranopia

31.3707, 2.3595, -15.4271



Tritanopia

31.5347, -12.4379, -5.9137

Trichromacy



Original Color

31.4594, -7.2134, -14.2301

Protanomaly

31.3459, -2.1754, -12.5558

Deuteranomaly

31.3864, -1.7276, -14.8612

Tritanomaly

31.5006, -10.7339, -8.5432

Monochromacy



Original Color

31.4594, -7.2134, -14.2301

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.5450, -4.4399, -4.0799

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4594, -7.2134, -14.2301 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(44, 94, 120)` looks like.

```
.text, #text, p{  
    color:rgb(44, 94, 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(44, 94, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 94, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4594, -7.2134, -14.2301 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(44, 94, 120) }
```


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

```
.border{ border-color:rgb(44, 94, 120) }
```

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

Here you see how a box with a 4 pixel rgb(44, 94, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 94, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 94, 120);  
box-shadow:4px 4px 4px 4px rgb(44, 94,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.4594, -7.2134, -14.2301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 94, 120) }
```

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

```
.background{ background-color: rgb(44, 94,  
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](#).

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