

Converting Colors

HunterLab(29.7744, 13.9341,
-21.5257)

Have a look what the booklet for
HunterLab(29.7744, 13.9341,
-21.5257) contains.

HunterLab(29.7704, 13.8498, -21.4014)	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(29.7704, 13.8498,
-21.4014)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4A7F
RGB	95, 74, 127
RGB Percent	37%, 29%, 50%
CMY	0.6274, 0.7098, 0.5020
CMYK	0.25, 0.42, 0.00, 0.50
HSL	264°, 26%, 39%
HSV	264°, 42%, 50%
XYZ	10.9989, 8.8628, 21.2097
YIQ	86.3210, -4.4970, 20.9350

Conversions

Conversions Part 2

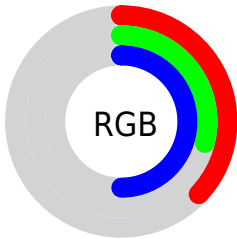
Format	Color
RYB	95, 74, 127
Decimal	6244991
CIELab	35.72, 20.73, -26.77
CIElCh	36, 33.853, 307.755
Yxy	8.8631, 0.2678, 0.2158
Android (android.graphics.Color)	4284435071 (0xFF5F4A7F)
YUV	86.3210, 20.0547, 7.6115
Hunter-Lab	29.7704, 13.8498, -21.4014

Details

The HunterLab color $[29.7704, 13.8498, -21.4014]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[43.2869, -14.8478, 17.5391]$, and the grayscale version is $[30.5538, -1.6303, 1.6600]$.

A 20% lighter version of the original color is $[48.6459, 15.2409, -22.3859]$, and $[14.4324, 11.9921, -20.5071]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.3524, 18.0795, -28.6206]$, and if you desaturate by 10%, it is $[33.4135, 9.7489, -14.8687]$.

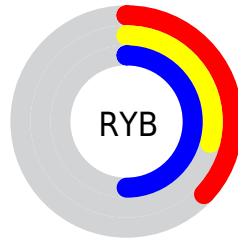
Distribution



Red (37%)

Green (29%)

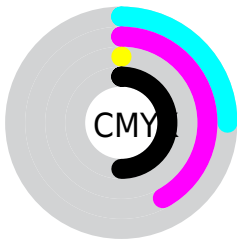
Blue (50%)



Red (37%)

Yellow (29%)

Blue (50%)

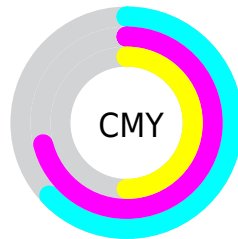


Cyan (25%)

Magenta (42%)

Yellow (0%)

Black (50%)



Cyan (63%)

Magenta (71%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7704, 13.8498, -21.4014 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 29.7704, 13.8498, -21.4014 by changing the saturation by 10% instead.

29.7704, 13.8498,
-21.4014

29.7704, 13.8498,
-21.4014

135.0383, 16.9097,
-24.5506

21.5685, 13.0164,
-20.8710

48.6147, 15.1316,
-22.4633

14.2988, 12.0270,
-20.4905

59.1290, 15.6142,
-22.9302

7.9572, 11.5764,
-21.2809

70.3080, 16.0077,
-23.3409

0.0000, INF, -NF

0.0000, NaN, -NF

82.1143, 16.3214,
-23.6938

0.0000, NaN, NaN

94.5161, 16.5628,
-23.9894

0.0000, NaN, NaN

107.4862, 16.7380,

0.0000, NaN, NaN

-24.2294

0.0000, NaN, NaN

121.0006, 16.8522,
-24.4157

■ 29.7704, 13.8498,
-21.4014

■ 29.7704, 13.8498,
-21.4014

■ 26.3524, 18.0795,
-28.6206

■ 33.4135, 9.7489,
-14.8687

■ 23.2094, 22.3921,
-36.5994

■ 37.2412, 5.7814,
-8.9176

■ 20.4102, 26.6475,
-45.2842

■ 41.2251, 1.9324,
-3.4408

■ 18.0395, 30.5424,
-54.3421

■ 45.3435, -1.8176,
1.6540

■ 16.1875, 33.5664,
-62.9807

■ 49.5793, -5.4879,
6.4430

■ 14.8951, 35.7954,
-70.1191

■ 53.9195, -9.0958,
10.9870

■ 58.3534, -12.6560,
15.3344

■ 62.8726, -16.1803,
19.5238

■ 67.4700, -19.6787,
23.5856

Harmonies

Analogous

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



29.7710, 1.5788, -29.2505



29.7704, 13.8498, -21.4014



29.7710, 22.8416, -7.9143

Triad

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



29.7710, 13.8494, -21.4006



29.7710, 7.6315, 15.5953



29.7710, -21.1316, -1.4869

Complementary

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



29.7704, 13.8498, -21.4014



43.2869, -14.8478, 17.5391

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.



29.7710, -20.0347, 8.7733



29.7704, 13.8498, -21.4014



29.7710, -4.6317, 16.1738

Square

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



29.7710, 13.8494, -21.4006



29.7710, 18.8747, 12.1489



29.7710, -14.4096, 14.2521



29.7710, -17.6862, -15.1386

Rectangle

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



29.7704, 13.8498, -21.4014



29.7710, 25.0682, 0.7501



29.7710, -14.4096, 14.2521



29.7710, -21.2705, 2.4654

Sweetspot

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



29.7710, 13.8494, -21.4006



54.3130, 3.3894, -5.7244



36.6578, -6.3039, -9.9974



25.7807, 2.1150, -3.4374



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



29.7710, 13.8494, -21.4006



35.5032, 23.8839, -37.7517



32.3758, 21.2978, -16.4479



20.7084, 0.4591, -1.0124



14.9558, 35.9449, -70.4327

0.0000, NaN, NaN

Inverse Universe

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



32.3272, 19.6425, -4.7452



39.9230, 32.9024, -7.7315



41.6976, -20.9610, 16.1145



20.9391, 1.1061, 0.3312



22.5523, 40.9961, -3.8349

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 29.7704, 13.8498, -21.4014 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 29.7704, 13.8498, -21.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

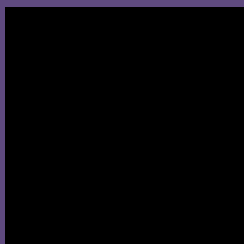
Any Text WCAG AA × Fail

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 29.7704, 13.8498, -21.4014 Background



This preview shows how black text looks on a background with the HunterLab color 29.7704, 13.8498, -21.4014.



This preview shows how white text looks on a background with the HunterLab color 29.7704, 13.8498, -21.4014.

-21.4014.

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

29.7704, 13.8498, -21.4014

Protanopia

29.7419, 4.5754, -26.5546

Deuteranopia

29.9659, 1.8780, -19.8908



Tritanopia

29.7163, 1.1266, -0.5263

Trichromacy



Original Color

29.7704, 13.8498, -21.4014

Protanomaly

29.5407, 7.4864, -24.7632

Deuteranomaly

29.7009, 6.2902, -20.9913

Tritanomaly

29.6570, 5.6313, -7.2804

Monochromacy



Original Color

29.7704, 13.8498, -21.4014

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.1629, 3.3522, -5.5561

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7704, 13.8498, -21.4014 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(95, 74, 127)` looks like.

```
.text, #text, p{  
  color:rgb(95, 74, 127)  
}
```

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(95, 74, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 74, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7704, 13.8498, -21.4014 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(95, 74, 127) }
```


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

```
.border{ border-color:rgb(95, 74, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 74, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 74, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 74, 127);  
box-shadow:4px 4px 4px 4px rgb(95, 74,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7704, 13.8498, -21.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 74, 127) }
```

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

```
.background{ background-color: rgb(95, 74,  
127) }
```

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