

Converting Colors

HunterLab(34.7484, 6.7982,
-8.7883)

Have a look what the booklet for
HunterLab(34.7484, 6.7982, -8.7883)
contains.

HunterLab(34.7484, 6.7982, -8.7883)	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(34.7484, 6.7982,
-8.7883)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5C78
RGB	106, 92, 120
RGB Percent	42%, 36%, 47%
CMY	0.5843, 0.6392, 0.5294
CMYK	0.12, 0.23, 0.00, 0.53
HSL	270°, 13%, 42%
HSV	270°, 23%, 47%
XYZ	13.1612, 12.0745, 19.4062
YIQ	99.3780, -0.6440, 11.6760

Conversions

Conversions Part 2

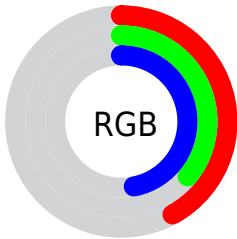
Format	Color
R_{YB}	106, 92, 120
Decimal	6970488
CIE _{Lab}	41.34, 11.54, -13.70
CIE _{LCh}	41, 17.915, 310.118
Yxy	12.0750, 0.2948, 0.2705
Android (android.graphics.Color)	4285160568 (0xFF6A5C78)
YUV	99.3780, 10.1666, 5.8075
Hunter-Lab	34.7484, 6.7982, -8.7883

Details

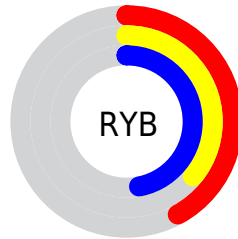
The HunterLab color $[34.7484, 6.7982, -8.7883]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[41.5573, -10.0466, 10.9851]$, and the grayscale version is $[35.4288, -1.8904, 1.9249]$.

A 20% lighter version of the original color is $[54.4001, 7.2402, -8.8902]$, and $[18.1892, 6.0418, -8.1176]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.3099, 10.8535, -14.1661]$, and if you desaturate by 10%, it is $[38.3432, 2.8363, -3.8003]$.

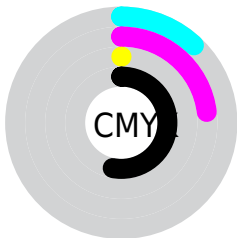
Distribution



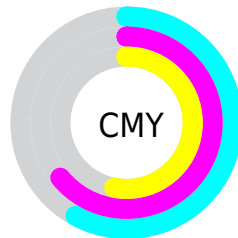
- Red (42%)
- Green (36%)
- Blue (47%)



- Red (42%)
- Yellow (36%)
- Blue (47%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7484, 6.7982, -8.7883 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 34.7484, 6.7982, -8.7883 by changing the saturation by 10% instead.

■ 34.7484, 6.7982,
-8.7883

■ 34.7484, 6.7982,
-8.7883

■ 143.1437, 5.8402,
-7.9802

■ 26.0668, 6.5470,
-8.5577

■ 54.4350, 7.0235,
-9.0200

■ 18.2595, 6.1811,
-8.2478

■ 65.3275, 7.0230,
-9.0342

■ 11.4392, 5.6706,
-7.8706

■ 76.8630, 6.9578,
-8.9874

■ 3.8445, 12.8788,
-14.6912

■ 89.0073, 6.8341,
-8.8843

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.7314, 6.6568,
-8.7288

0.0000, NaN, NaN

■ 115.0099, 6.4298,

0.0000, NaN, NaN

-8.5244

0.0000, NaN, NaN

128.8206, 6.1567,
-8.2740

■ 34.7484, 6.7982,
-8.7883

■ 34.7484, 6.7982,
-8.7883

■ 31.3099, 10.8535,
-14.1661

■ 38.3432, 2.8363,
-3.8003

■ 28.0541, 15.0009,
-20.0049

■ 42.0703, -1.0385,
0.8627

■ 25.0187, 19.2093,
-26.3578

■ 45.9133, -4.8396,
5.2603

■ 22.2519, 23.3939,
-33.2256

■ 49.8588, -8.5804,
9.4418

■ 19.8134, 27.3742,
-40.4855

■ 53.8960, -12.2731,
13.4478

■ 17.7723, 30.8297,
-47.7896

■ 58.0163, -15.9285,
17.3110

■ 16.1857, 33.3383,
-54.5344

■ 62.2125, -19.5559,
21.0580

■ 15.2207, 34.9751,
-59.2272

■ 66.4786, -23.1628,
24.7103

■ 70.8095, -26.7558,
28.2854

Harmonies

Analogous

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



34.7491, 0.4253, -12.3847



34.7484, 6.7982, -8.7883



34.7491, 11.0416, -2.5171

Triad

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



34.7491, 6.7975, -8.7875



34.7491, 2.6126, 11.5173



34.7491, -13.5984, -0.3201

Complementary

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



34.7484, 6.7982, -8.7883



41.5573, -10.0466, 10.9851

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.



34.7491, -13.1097, 5.7888



34.7484, 6.7982, -8.7883



34.7491, -4.0799, 11.8835

Square

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



34.7491, 6.7975, -8.7875



34.7491, 8.5021, 8.8684



34.7491, -9.7376, 9.9854



34.7491, -11.1270, -6.9209

Rectangle

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



34.7484, 6.7982, -8.7883



34.7491, 11.9170, 1.9167



34.7491, -9.7376, 9.9854



34.7491, -13.7701, 1.8663

Sweetspot

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



34.7491, 6.7975, -8.7875



53.8764, 0.5834, -1.1849



37.4651, -3.5954, -5.0980



26.1272, 0.3881, -0.7016



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.



34.7491, 6.7975, -8.7875



43.6144, 11.8790, -15.4028



36.0147, 10.8172, -6.8719



19.9570, 0.5908, -0.8925



15.8710, 36.5007, -61.9998



33.9254, 78.8987, -139.3197

Inverse Universe

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



35.6209, 8.6948, -0.5954



45.0838, 14.9561, -1.5102



40.6268, -13.5003, 10.0203



20.1131, 0.9589, 0.5551



21.7009, 38.7903, 1.4113



47.2142, 84.0587, 5.6804

Previews

White Background



This preview shows how the HunterLab color 34.7484, 6.7982, -8.7883 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 × Fail

Black Background



This preview shows how the HunterLab color 34.7484, 6.7982, -8.7883 looks on a black 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

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

HunterLab 34.7484, 6.7982, -8.7883 Background



This preview shows how black text looks on a background with the HunterLab color 34.7484, 6.7982, -8.7883.



This preview shows how white text looks on a background with the HunterLab color 34.7484, 6.7982, -8.7883.

-8.7883.

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

34.7484, 6.7982, -8.7883

Protanopia

34.9336, 1.0215, -10.2601

Deuteranopia

34.6455, 2.4632, -8.4759



Tritanopia

34.7092, 1.6605, -0.5028

Trichromacy



Original Color

34.7484, 6.7982, -8.7883

Protanomaly

34.7511, 3.0273, -9.9475

Deuteranomaly

34.7083, 3.9990, -8.3564

Tritanomaly

34.7168, 3.3712, -3.2573

Monochromacy



Original Color

34.7484, 6.7982, -8.7883

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.0029, 1.5522, -1.9656

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7484, 6.7982, -8.7883 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(106, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(106, 92, 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(106, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 92, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7484, 6.7982, -8.7883 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(106, 92, 120) }
```


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

```
.border{ border-color:rgb(106, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(106, 92,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.7484, 6.7982, -8.7883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 92, 120) }
```

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

```
.background{ background-color: rgb(106, 92,  
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](#).

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