

Converting Colors

HunterLab(34.1736, 18.3931,
-34.7213)

Have a look what the booklet for
HunterLab(34.1736, 18.3931,
-34.7213) contains.

HunterLab(34.2817, 18.3746, -34.4994)	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(34.2817, 18.3746,
-34.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	68549E
RGB	104, 84, 158
RGB Percent	41%, 33%, 62%
CMY	0.5921, 0.6706, 0.3804
CMYK	0.34, 0.47, 0.00, 0.38
HSL	256°, 31%, 47%
HSV	256°, 47%, 62%
XYZ	15.0508, 11.7523, 33.8229
YIQ	98.4160, -11.8340, 27.2540

Conversions

Conversions Part 2

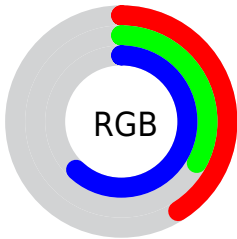
Format	Color
R_{YB}	104, 84, 158
Decimal	6837406
CIE Lab	40.82, 25.59, -37.48
CIE LCh	41, 45.388, 304.324
Yxy	11.7528, 0.2483, 0.1939
Android (android.graphics.Color)	4285027486 (0xFF68549E)
YUV	98.4160, 29.3749, 4.8972
Hunter-Lab	34.2817, 18.3746, -34.4994

Details

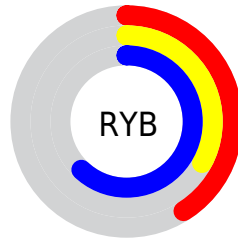
The HunterLab color $34.2817, 18.3746, -34.4994$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55.2243, -18.0711, 24.7072$, and the grayscale version is $35.0015, -1.8676, 1.9017$.

A 20% lighter version of the original color is $53.8724, 19.8360, -35.7381$, and $17.8430, 16.4218, -34.0274$ is the 20% darker color. If you saturate the color by 10%, you get $29.8782, 23.6577, -45.3660$, and if you desaturate by 10%, it is $39.0206, 13.3700, -24.8730$.

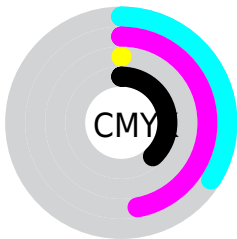
Distribution



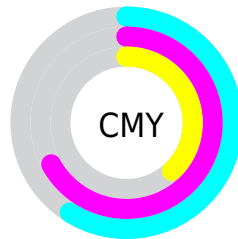
- Red (41%)
- Green (33%)
- Blue (62%)



- Red (41%)
- Yellow (33%)
- Blue (62%)



- Cyan (34%)
- Magenta (47%)
- Yellow (0%)
- Black (38%)



- Cyan (59%)
- Magenta (67%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2817, 18.3746, -34.4994 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 34.2817, 18.3746, -34.4994 by changing the saturation by 10% instead.

■ 34.2817, 18.3746,
-34.4994

■ 34.2817, 18.3746,
-34.4994

■ 142.3944, 22.9059,
-39.4311

■ 25.6429, 17.3698,
-34.0306

■ 53.8925, 20.0037,
-35.7538

■ 17.8833, 16.2170,
-33.9286

■ 64.7510, 20.6571,
-36.3981

■ 11.1176, 14.9114,
-34.8197

■ 76.2542, 21.2183,
-37.0150

■ 3.0138, 36.8422,
-76.5781

■ 88.3680, 21.6962,
-37.5925

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 101.0628, 22.0981,
-38.1248

0.0000, NaN, NaN

114.3134, 22.4303,

0.0000, NaN, NaN

-38.6091

0.0000, NaN, NaN

128.0972, 22.6981,
-39.0445

■ 34.2817, 18.3746,
-34.4994

■ 34.2817, 18.3746,
-34.4994

■ 29.8782, 23.6577,
-45.3660

■ 39.0206, 13.3700,
-24.8730

■ 25.8988, 29.1551,
-57.5850

■ 44.0280, 8.6285,
-16.2804

■ 22.4667, 34.6089,
-70.9172

■ 49.2578, 4.1086,
-8.5119

■ 19.7327, 39.4122,
-84.3455

■ 54.6758, -0.2338,
-1.3910

■ 17.7942, 42.7778,
-96.0694

■ 60.2566, -4.4380,
5.2230

■ 17.2508, 43.8523,
-99.7810

■ 65.9806, -8.5361,
11.4396

■ 71.8324, -12.5541,
17.3432

■ 77.8001, -16.5122,
22.9992

■ 83.8736, -20.4267,
28.4582

Harmonies

Analogous

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



34.2823, 0.6412, -45.1602



34.2817, 18.3746, -34.4994



34.2823, 32.4513, -14.3166

Triad

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



34.2823, 18.3744, -34.4984



34.2823, 13.3350, 19.6247



34.2823, -28.4841, -0.5351

Complementary

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



34.2817, 18.3746, -34.4994



55.2243, -18.0711, 24.7072

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.



34.2823, -26.3781, 12.6978



34.2817, 18.3746, -34.4994



34.2823, -4.2352, 20.5510

Square

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



34.2823, 18.3744, -34.4984



34.2823, 29.1704, 15.0746



34.2823, -18.2258, 18.7898



34.2823, -24.6579, -20.4051

Rectangle

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



34.2817, 18.3746, -34.4994



34.2823, 36.6459, -1.3178



34.2823, -18.2258, 18.7898



34.2823, -28.4399, 4.7712

Sweetspot

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



34.2823, 18.3744, -34.4984



68.2262, 4.0176, -8.9383



47.5472, -12.0481, -11.2496



31.6934, 2.4834, -5.2026



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



34.2823, 18.3744, -34.4984



40.1164, 32.0702, -61.5390



38.0119, 28.7188, -26.5301



25.5297, 0.3827, -1.4632



15.4939, 39.2940, -88.9030



2.4907, 5.6847, -9.3926

Inverse Universe

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



39.3002, 30.5053, -11.5242



48.7536, 50.5277, -18.5760



52.7980, -27.4031, 22.6349



25.9306, 1.6209, -0.0105



26.1255, 48.5821, -12.8961



3.5867, 6.8266, -2.9872

Previews

White Background



This preview shows how the HunterLab color 34.2817, 18.3746, -34.4994 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 34.2817, 18.3746, -34.4994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

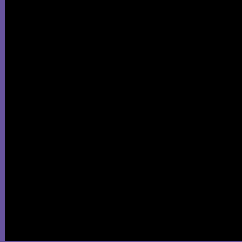
Any Text WCAG AA × Fail

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 34.2817, 18.3746, -34.4994 Background



This preview shows how black text looks on a background with the HunterLab color 34.2817, 18.3746, -34.4994.



This preview shows how white text looks on a background with the HunterLab color 34.2817, 18.3746, -34.4994.

-34.4994.

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

34.2817, 18.3746, -34.4994

Protanopia

34.4270, 7.2996, -41.6205

Deuteranopia

34.5080, 2.2812, -31.9768



Tritanopia

34.1941, -1.3956, -1.6629

Trichromacy



Original Color

34.2817, 18.3746, -34.4994

Protanomaly

34.0769, 11.0746, -39.9163

Deuteranomaly

34.1063, 7.7677, -33.5246

Tritanomaly

34.1334, 5.0858, -12.0007

Monochromacy



Original Color

34.2817, 18.3746, -34.4994

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.4878, 4.6539, -9.2155

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2817, 18.3746, -34.4994 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(104, 84, 158)` looks like.

```
.text, #text, p{  
    color:rgb(104, 84, 158)  
}
```

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(104, 84, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 84, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2817, 18.3746, -34.4994 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(104, 84, 158) }
```


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

```
.border{ border-color:rgb(104, 84, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 84, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 84, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 84, 158);  
box-shadow:4px 4px 4px 4px rgb(104, 84,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2817, 18.3746, -34.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 84, 158) }
```

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

```
.background{ background-color: rgb(104, 84,  
158) }
```

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