

Converting Colors

HunterLab(34.6003, 18.8417,
-64.8017)

Have a look what the booklet for
HunterLab(34.6003, 18.8417,
-64.8017) contains.

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Color

**HunterLab(34.6742, 18.7531,
-64.5745)**

Conversions

Conversions Part 1

Format	Color
Hex	4358C1
RGB	67, 88, 193
RGB Percent	26%, 35%, 76%
CMY	0.7372, 0.6549, 0.2431
CMYK	0.65, 0.54, 0.00, 0.24
HSL	230°, 50%, 51%
HSV	230°, 65%, 76%
XYZ	15.4301, 12.0230, 51.9595
YIQ	93.6910, -46.2210, 28.2030

Conversions

Conversions Part 2

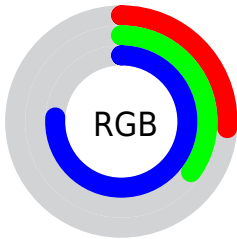
Format	Color
R_{YB}	67, 85, 193
Decimal	4413633
CIE _{Lab}	41.25, 25.98, -57.58
CIE _{LCh}	41, 63.169, 294.287
Yxy	12.0233, 0.1943, 0.1514
Android (android.graphics.Color)	4282603713 (0xFF4358C1)
YUV	93.6910, 48.9593, -23.4080
Hunter-Lab	34.6742, 18.7531, -64.5745

Details

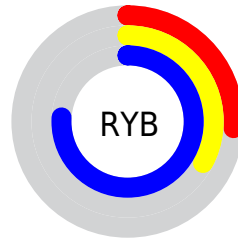
The HunterLab color **34.6742, 18.7531, -64.5745** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **64.2267, -7.4542, 34.5426**, and the grayscale version is **33.1787, -1.7703, 1.8027**.

A 20% lighter version of the original color is **54.4686, 20.1849, -64.5315**, and **18.8752, 18.5208, -63.5733** is the 20% darker color. If you saturate the color by 10%, you get **30.1587, 25.0105, -80.1646**, and if you desaturate by 10%, it is **39.7001, 13.4826, -50.6488**.

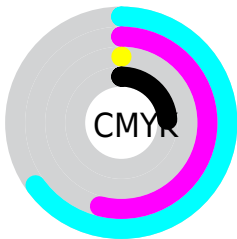
Distribution



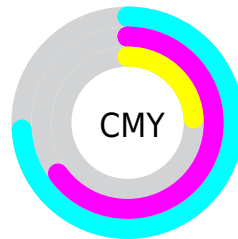
- Red (26%)
- Green (35%)
- Blue (76%)



- Red (26%)
- Yellow (33%)
- Blue (76%)



- Cyan (65%)
- Magenta (54%)
- Yellow (0%)
- Black (24%)



- Cyan (74%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.6742, 18.7531, -64.5745 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 34.6742, 18.7531, -64.5745 by changing the saturation by 10% instead.

■ 34.6742, 18.7531,
-64.5745

■ 34.6742, 18.7531,
-64.5745

■ 143.0244, 23.3966,
-70.3578

■ 25.9992, 17.7369,
-65.2448

■ 54.3485, 20.4091,
-65.0460

■ 18.1995, 16.5724,
-67.3946

■ 65.2357, 21.0753,
-65.6743

■ 11.3878, 15.2561,
-73.0478

■ 76.7660, 21.6491,
-66.4105

■ 3.7247, 30.1970,
-141.6613

■ 88.9054, 22.1394,
-67.1990

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 101.6249, 22.5536,
-68.0057

0.0000, NaN, -NF

114.8989, 22.8978,

0.0000, NaN, NaN

-68.8094

0.0000, NaN, NaN

128.7054, 23.1773,
-69.5964

■ 34.6742, 18.7531,
-64.5745

■ 34.6742, 18.7531,
-64.5745

■ 30.1587, 25.0105,
-80.1646

■ 39.7001, 13.4826,
-50.6488

■ 26.2964, 32.1914,
-96.9866

■ 45.1265, 9.0781,
-38.3217

■ 23.2587, 39.8033,
-113.5821

■ 50.8753, 5.3821,
-27.3537

■ 22.1175, 43.1818,
-120.8621

■ 56.8897, 2.2491,
-17.4865

■ 63.1282, -0.4400,
-8.4933

■ 69.5597, -2.7782,
-0.1900

■ 76.1605, -4.8370,
7.5685

■ 82.9123, -6.6713,
14.8952

■ 89.8002, -8.3236,
21.8779

Harmonies

Analogous

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



34.6747, -6.2352, -73.8802



34.6742, 18.7531, -64.5745



34.6747, 42.9800, -33.7344

Triad

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



34.6747, 18.7541, -64.5735



34.6747, 28.6542, 21.7904



34.6747, -36.3260, 5.8984

Complementary

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



34.6742, 18.7531, -64.5745



64.2267, -7.4542, 34.5426

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.



34.6747, -31.4370, 18.7688



34.6742, 18.7531, -64.5745



34.6747, 2.7603, 23.2835

Square

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



34.6747, 18.7541, -64.5735



34.6747, 49.6796, 15.3189



34.6747, -18.5455, 22.6527



34.6747, -34.1690, -20.8489

Rectangle

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



34.6742, 18.7531, -64.5745



34.6747, 53.2309, -11.8840



34.6747, -18.5455, 22.6527



34.6747, -35.5039, 11.6251

Sweetspot

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



34.6747, 18.7541, -64.5735



80.2477, 1.1563, -17.2931



65.0479, -34.7155, 3.8988



36.0786, 1.0173, -9.6076



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



34.6747, 18.7541, -64.5735



38.2073, 37.1298, -116.0277



33.3421, 37.6977, -68.5108



31.6436, -0.8794, -1.6610



18.2596, 34.4109, -97.1062



4.8016, 4.1093, -14.8724

Inverse Universe

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



40.0715, 44.6303, 11.8126



48.7149, 70.4496, 20.1577



67.1752, -30.2761, 36.1751



31.7878, 1.3118, 2.0543



27.6022, 47.5524, 15.6437



5.8131, 10.1633, 2.1421

Previews

White Background



This preview shows how the HunterLab color 34.6742, 18.7531, -64.5745 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 34.6742, 18.7531, -64.5745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

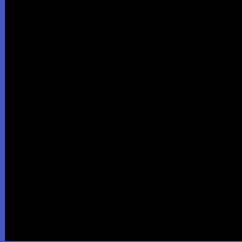
Any Text WCAG AA × Fail

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 34.6742, 18.7531, -64.5745 Background



This preview shows how black text looks on a background with the HunterLab color 34.6742, 18.7531, -64.5745.



This preview shows how white text looks on a background with the HunterLab color 34.6742, 18.7531, -64.5745.

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

34.6742, 18.7531, -64.5745

Protanopia

34.5720, 12.9352, -71.1353

Deuteranopia

34.4996, 1.2385, -45.7951



Tritanopia

34.6209, -16.6849, -7.2553

Trichromacy



Original Color

34.6742, 18.7531, -64.5745

Protanomaly

34.2163, 14.1782, -70.2000

Deuteranomaly

34.1671, 6.5937, -53.7611

Tritanomaly

33.9340, -6.4436, -25.3041

Monochromacy



Original Color

34.6742, 18.7531, -64.5745

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.3928, 3.1025, -16.8668

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.6742, 18.7531, -64.5745 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(67, 88, 193)` looks like.

```
.text, #text, p{  
    color:rgb(67, 88, 193)  
}
```

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(67, 88, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 88, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 34.6742, 18.7531, -64.5745 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(67, 88, 193) }
```


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

```
.border{ border-color:rgb(67, 88, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 88, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 88, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 88, 193);  
box-shadow:4px 4px 4px 4px rgb(67, 88,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.6742, 18.7531, -64.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 88, 193) }
```

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

```
.background{ background-color: rgb(67, 88,  
193) }
```

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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