

Converting Colors

HunterLab(34.8413, 21.0343,
-68.0528)

Have a look what the booklet for
HunterLab(34.8413, 21.0343,
-68.0528) contains.

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Color

**HunterLab(34.8564, 20.9990,
-68.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	4657C5
RGB	70, 87, 197
RGB Percent	27%, 34%, 77%
CMY	0.7255, 0.6588, 0.2274
CMYK	0.64, 0.56, 0.00, 0.23
HSL	232°, 52%, 52%
HSV	232°, 64%, 77%
XYZ	16.0120, 12.1497, 54.3245
YIQ	94.4570, -45.4420, 30.6060

Conversions

Conversions Part 2

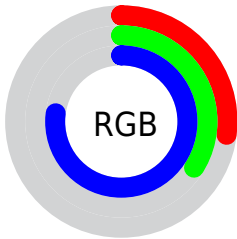
Format	Color
R _Y B	70, 85, 197
Decimal	4609989
CIE Lab	41.45, 28.50, -59.57
CIE LCh	41, 66.038, 295.572
Yxy	12.1500, 0.1941, 0.1473
Android (android.graphics.Color)	4282800069 (0xFF4657C5)
YUV	94.4570, 50.5537, -21.4488
Hunter-Lab	34.8564, 20.9990, -68.0053

Details

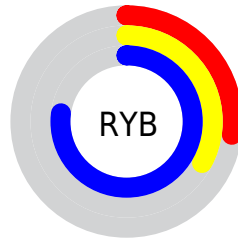
The HunterLab color **34.8564, 20.9990, -68.0053** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **67.0508, -9.6425, 36.0229**, and the grayscale version is **33.4572, -1.7852, 1.8178**.

A 20% lighter version of the original color is **54.6556, 22.5625, -67.6430**, and **18.9972, 20.4111, -67.8066** is the 20% darker color. If you saturate the color by 10%, you get **30.1489, 27.7295, -84.8185**, and if you desaturate by 10%, it is **40.1295, 15.2785, -53.0499**.

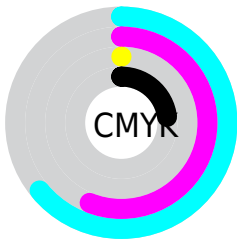
Distribution



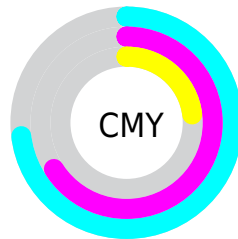
- Red (27%)
- Green (34%)
- Blue (77%)



- Red (27%)
- Yellow (33%)
- Blue (77%)



- Cyan (64%)
- Magenta (56%)
- Yellow (0%)
- Black (23%)



- Cyan (73%)
- Magenta (66%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.8564, 20.9990, -68.0053 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 34.8564, 20.9990, -68.0053 by changing the saturation by 10% instead.

■ 34.8564, 20.9990,
-68.0053

■ 34.8564, 20.9990,
-68.0053

■ 143.3164, 26.5495,
-73.6629

■ 26.1647, 19.8680,
-68.8507

■ 54.5601, 22.8784,
-68.3169

■ 18.3465, 18.5906,
-71.3113

■ 65.4605, 23.6516,
-68.9149

■ 11.5136, 17.1747,
-77.5660

■ 77.0034, 24.3289,
-69.6393

■ 4.0115, 30.7501,
-142.1889

■ 89.1547, 24.9196,
-70.4289

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 101.8855, 25.4310,
-71.2459

0.0000, NaN, -NF

115.1704, 25.8696,

0.0000, NaN, NaN

-72.0667

0.0000, NaN, NaN

128.9873, 26.2409,
-72.8757

■ 34.8564, 20.9990,
-68.0053

■ 34.8564, 20.9990,
-68.0053

■ 30.1489, 27.7295,
-84.8185

■ 40.1295, 15.2785,
-53.0499

■ 26.1745, 35.3390,
-102.9075

■ 45.8413, 10.4579,
-39.8904

■ 23.1343, 43.1544,
-120.3691

■ 51.9027, 6.3728,
-28.2482

■ 21.8772, 47.0235,
-128.8549

■ 58.2501, 2.8682,
-17.8230

■ 64.8374, -0.1825,
-8.3548

■ 71.6307, -2.8781,
0.3651

■ 78.6043, -5.2935,
8.4989

■ 85.7382, -7.4861,
16.1717

■ 93.0167, -9.4997,
23.4798

Harmonies

Analogous

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



34.8569, -5.4395, -79.4037



34.8564, 20.9990, -68.0053



34.8569, 46.3735, -34.3414

Triad

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



34.8569, 21.0001, -68.0042



34.8569, 29.1207, 22.3477



34.8569, -37.6010, 5.1961

Complementary

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



34.8564, 20.9990, -68.0053



67.0508, -9.6425, 36.0229

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.



34.8569, -32.9306, 18.9562



34.8564, 20.9990, -68.0053



34.8569, 1.8664, 23.7302

Square

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



34.8569, 21.0001, -68.0042



34.8569, 51.9017, 16.2695



34.8569, -20.0224, 22.9843



34.8569, -35.0949, -23.6549

Rectangle

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



34.8564, 20.9990, -68.0053



34.8569, 56.8069, -11.2816



34.8569, -20.0224, 22.9843



34.8569, -36.8653, 11.3512

Sweetspot

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



34.8569, 21.0001, -68.0042



82.4778, 1.6603, -17.1583



66.6689, -34.9463, 3.0343



36.9784, 1.3254, -9.6590

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.8569, 21.0001, -68.0042



38.2415, 40.7866, -122.4023



34.6705, 38.5245, -68.2953



32.4230, -0.7551, -1.8271



17.9420, 37.3731, -103.1038



4.7880, 5.2554, -17.3295

Inverse Universe

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



41.1579, 44.7983, 13.1563



50.0067, 71.0559, 21.8869



68.6322, -31.3544, 36.7353



32.6491, 1.3124, 2.2350



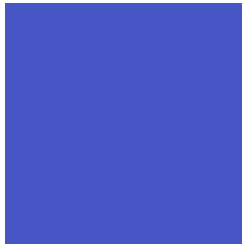
28.0445, 48.2315, 16.5378



6.1657, 10.7288, 2.6680

Previews

White Background



This preview shows how the HunterLab color 34.8564, 20.9990, -68.0053 looks on a white background.

Color Contrast Check

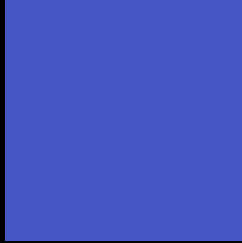
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8564, 20.9990, -68.0053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

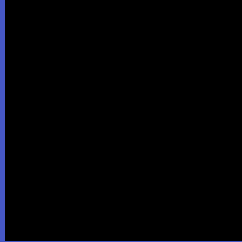
Any Text WCAG AA × Fail

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 34.8564, 20.9990, -68.0053 Background



This preview shows how black text looks on a background with the HunterLab color 34.8564, 20.9990, -68.0053.



This preview shows how white text looks on a background with the HunterLab color 34.8564, 20.9990, -68.0053.

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

34.8564, 20.9990, -68.0053

Tritanopia

34.7891, -15.9622, -7.5247

Trichromacy



Original Color

34.8564, 20.9990, -68.0053



Tritanomaly

33.9555, -4.7234, -26.6434

Monochromacy



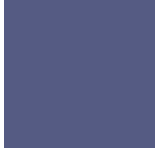
Original Color

34.8564, 20.9990, -68.0053



Achromatopsia

33.4563, -1.7851, 1.8177



Achromatomaly

33.2448, 4.0199, -17.7396

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.8564, 20.9990, -68.0053 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(70, 87, 197)` looks like.

```
.text, #text, p{  
    color:rgb(70, 87, 197)  
}
```

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(70, 87, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 87, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 34.8564, 20.9990, -68.0053 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(70, 87, 197) }
```

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

```
.border{ border-color:rgb(70, 87, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 87, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 87, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 87, 197);  
box-shadow:4px 4px 4px 4px rgb(70, 87,  
197) }
```


Background

The CSS property to change the background color of an element to HunterLab 34.8564, 20.9990, -68.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 87, 197) }
```

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

```
.background{ background-color: rgb(70, 87,  
197) }
```

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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