

Converting Colors

HunterLab(32.2627, 5.6936,
-77.5746)

Have a look what the booklet for
HunterLab(32.2627, 5.6936,
-77.5746) contains.

HunterLab(34.4382, 12.2584, -69.5071)	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(34.4382, 12.2584,
-69.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	005DC5
RGB	0, 93, 197
RGB Percent	0%, 36%, 77%
CMY	0.9998, 0.6353, 0.2274
CMYK	1.00, 0.53, 0.00, 0.23
HSL	212°, 100%, 39%
HSV	212°, 100%, 77%
XYZ	13.9924, 11.8599, 54.3750
YIQ	77.0490, -88.8120, 12.6280

Conversions

Conversions Part 2

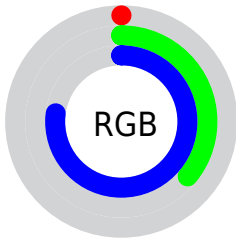
Format	Color
R _{YB}	0, 63, 197
Decimal	24005
CIE _{Lab}	40.99, 18.35, -60.41
CIE _{LCh}	41, 63.139, 286.900
Y _{xy}	11.8602, 0.1744, 0.1478
Android (android.graphics.Color)	4278214085 (0xFF005DC5)
YUV	77.0490, 59.1358, -67.5720
Hunter-Lab	34.4382, 12.2584, -69.5071

Details

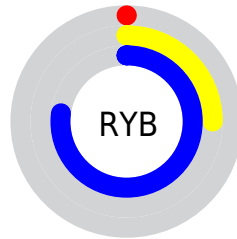
The HunterLab color **34.4382, 12.2584, -69.5071** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed blue. A complement of this color would be **46.6689, 25.3517, 29.1994**, and the grayscale version is **27.0816, -1.4450, 1.4714**.

A 20% lighter version of the original color is **54.1683, 12.7689, -69.0298**, and **20.3706, 16.7589, -61.6391** is the 20% darker color. If you saturate the color by 10%, you get **34.4325, 12.2705, -69.5261**, and if you desaturate by 10%, it is **37.3604, 7.4889, -60.6773**.

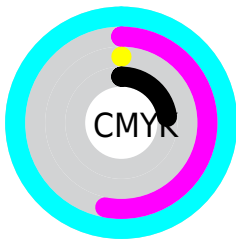
Distribution



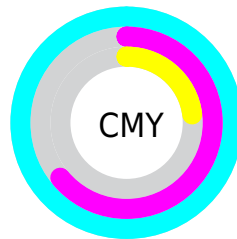
- Red (0%)
- Green (36%)
- Blue (77%)



- Red (0%)
- Yellow (25%)
- Blue (77%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.4382, 12.2584, -69.5071 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 34.4382, 12.2584, -69.5071 by changing the saturation by 10% instead.

■ 34.4382, 12.2584,
-69.5071

■ 34.4382, 12.2584,
-69.5071

■ 142.6455, 14.0287,
-75.0329

■ 25.7848, 11.6250,
-70.4934

■ 54.0742, 13.1910,
-69.6961

■ 18.0092, 10.8504,
-73.2256

■ 64.9441, 13.5163,
-70.2697

■ 11.2251, 9.9099,
-80.0897

■ 76.4582, 13.7621,
-70.9825

■ 3.3157, 23.9444,
-173.3927

■ 88.5822, 13.9363,
-71.7688

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 101.2869, 14.0451,
-72.5883

0.0000, NaN, -NF

■ 114.5468, 14.0940,

0.0000, NaN, NaN

-73.4156

0.0000, NaN, NaN

128.3396, 14.0872,
-74.2341

■ 34.4382, 12.2584,
-69.5071

■ 34.4382, 12.2584,
-69.5071

■ 34.4325, 12.2705,
-69.5261

■ 37.3604, 7.4889,
-60.6773

■ 40.5732, 3.4663,
-52.1299

■ 44.0824, 0.2924,
-43.8781

■ 47.8601, -2.0799,
-35.9842

■ 51.8773, -3.7291,
-28.4703

■ 56.1075, -4.7420,
-21.3297

■ 60.5271, -5.2028,
-14.5385

■ 65.1157, -5.1878,
-8.0644

■ 69.8560, -4.7630,
-1.8722

Harmonies

Analogous

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



34.4386, -11.4671, -71.4371



34.4382, 12.2584, -69.5071



34.4386, 37.6143, -42.1449

Triad

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



34.4386, 12.2598, -69.5062



34.4386, 34.6650, 20.7813



34.4386, -35.6505, 10.2421

Complementary

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



34.4382, 12.2584, -69.5071



46.6689, 25.3517, 29.1994

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.



34.4386, -28.9470, 20.1824



34.4382, 12.2584, -69.5071



34.4386, 8.9779, 23.0018

Square

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



34.4386, 12.2598, -69.5062



34.4386, 52.7353, 12.1506



34.4386, -13.9816, 22.8714



34.4386, -35.2134, -13.0555

Rectangle

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



34.4382, 12.2584, -69.5071



34.4386, 50.1680, -19.5343



34.4386, -13.9816, 22.8714



34.4386, -34.2537, 14.8061

Sweetspot

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



34.4386, 12.2598, -69.5062



80.7120, -6.9485, -19.8849



63.9440, -49.4967, 26.9272



36.1584, -3.1249, -10.9786

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.4386, 12.2598, -69.5062



45.5385, 17.5521, -94.8091



20.1336, 54.4894, -142.1961



33.3155, -2.2449, -0.7195



28.2183, 9.3481, -55.4504



7.2235, 0.0108, -9.0520

Inverse Universe

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



35.5832, 63.1515, 5.7764



47.5653, 84.3259, 8.4969



71.6692, -20.4611, 43.8030



32.7397, 1.7994, 0.9434



28.8857, 51.3238, 4.2769



6.4007, 11.5863, -0.7082

Previews

White Background



This preview shows how the HunterLab color 34.4382, 12.2584, -69.5071 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 34.4382, 12.2584, -69.5071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

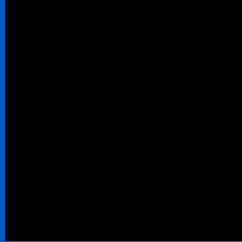
Any Text WCAG AA × Fail

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 34.4382, 12.2584, -69.5071 Background



This preview shows how black text looks on a background with the HunterLab color 34.4382, 12.2584, -69.5071.



This preview shows how white text looks on a background with the HunterLab color 34.4382, 12.2584, -69.5071.

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

34.4382, 12.2584, -69.5071

Protanopia

34.5735, 12.6729, -69.0606

Deuteranopia

34.4441, 0.9390, -45.0792



Tritanopia

34.2495, -16.7054, -6.7468

Trichromacy



Original Color

34.4382, 12.2584, -69.5071

Protanomaly

34.5225, 12.5166, -69.2288

Deuteranomaly

34.4161, 4.6704, -53.0992

Tritanomaly

33.9358, -7.9169, -25.3264

Monochromacy



Original Color

34.4382, 12.2584, -69.5071

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

28.6705, -1.5422, -19.7684

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.4382, 12.2584, -69.5071 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(0, 93, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 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(0, 93, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 34.4382, 12.2584, -69.5071 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(0, 93, 197) }
```


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

```
.border{ border-color:rgb(0, 93, 197) }
```

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

Here you see how a box with a 4 pixel rgb(0, 93, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 197)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.4382, 12.2584, -69.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 197) }
```

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

```
.background{ background-color: rgb(0, 93,  
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](#).

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