

Converting Colors

HunterLab(38.4387, 12.9453,
-69.1309)

Have a look what the booklet for
HunterLab(38.4387, 12.9453,
-69.1309) contains.

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Color

**HunterLab(38.4387, 12.9453,
-69.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	2967D1
RGB	41, 103, 209
RGB Percent	16%, 40%, 82%
CMY	0.8392, 0.5961, 0.1804
CMYK	0.80, 0.51, 0.00, 0.18
HSL	218°, 67%, 49%
HSV	218°, 80%, 82%
XYZ	17.2733, 14.7753, 62.2630
YIQ	96.5460, -70.9780, 19.8220

Conversions

Conversions Part 2

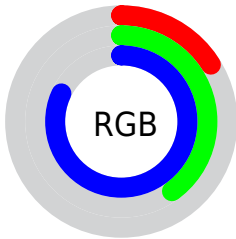
Format	Color
R_{YB}	41, 86, 209
Decimal	2713553
CIE _{Lab}	45.33, 18.88, -60.27
CIE _{LCh}	45, 63.161, 287.397
Yxy	14.7757, 0.1832, 0.1567
Android (android.graphics.Color)	4280903633 (0xFF2967D1)
YUV	96.5460, 55.4398, -48.7138
Hunter-Lab	38.4387, 12.9453, -69.1309

Details

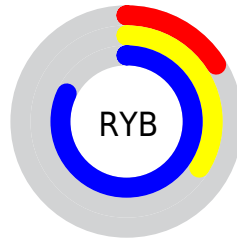
The HunterLab color **38.4387, 12.9453, -69.1309** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **58.8114, 9.7780, 34.2942**, and the grayscale version is **34.2251, -1.8262, 1.8595**.

A 20% lighter version of the original color is **57.8906, 10.4689, -61.0396**, and **22.9333, 16.6538, -64.6153** is the 20% darker color. If you saturate the color by 10%, you get **34.6902, 18.7388, -81.3940**, and if you desaturate by 10%, it is **42.6135, 8.1851, -57.5269**.

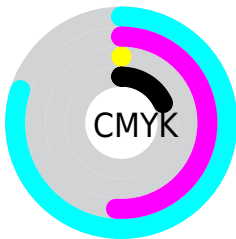
Distribution



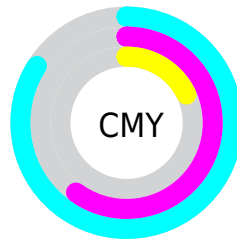
- Red (16%)
- Green (40%)
- Blue (82%)



- Red (16%)
- Yellow (34%)
- Blue (82%)



- Cyan (80%)
- Magenta (51%)
- Yellow (0%)
- Black (18%)



- Cyan (84%)
- Magenta (60%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4387, 12.9453, -69.1309 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 38.4387, 12.9453, -69.1309 by changing the saturation by 10% instead.

■ 38.4387, 12.9453, -69.1309

■ 38.4387, 12.9453, -69.1309

148.9982, 14.6399, -75.1354

■ 29.4315, 12.3376, -69.6648

■ 58.7020, 13.8433, -69.6887

■ 21.2638, 11.5976, -71.4547

■ 69.8556, 14.1571, -70.3350

■ 14.0333, 10.7024, -76.0012

■ 81.6378, 14.3941, -71.0867

■ 7.6783, 10.6107, -90.6604

■ 94.0167, 14.5615, -71.8912

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.9649, 14.6652, -72.7158

0.0000, NaN, -NF

120.4583, 14.7101,

0.0000, NaN, -NF

-73.5397

0.0000, NaN, NaN

134.4757, 14.7005,
-74.3492

■ 38.4387, 12.9453,
-69.1309

■ 38.4387, 12.9453,
-69.1309

■ 34.6902, 18.7388,
-81.3940

■ 42.6135, 8.1851,
-57.5269

■ 31.5086, 25.1398,
-93.6526

■ 47.1529, 4.3974,
-46.7163

■ 52.0038, 1.4696,
-36.7033

■ 57.1214, -0.7241,
-27.4267

■ 62.4692, -2.3006,
-18.7989

■ 68.0178, -3.3614,
-10.7282

■ 73.7432, -3.9905,
-3.1288

■ 79.6261, -4.2569,
4.0747

■ 85.6506, -4.2166,
10.9470

Harmonies

Analogous

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



38.4392, -11.7307, -71.5226



38.4387, 12.9453, -69.1309



38.4392, 38.7631, -41.8231

Triad

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



38.4392, 12.9466, -69.1299



38.4392, 34.9857, 22.5423



38.4392, -37.8635, 10.5858

Complementary

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



38.4387, 12.9453, -69.1309



58.8114, 9.7780, 34.2942

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.



38.4392, -30.7656, 21.6634



38.4387, 12.9453, -69.1309



38.4392, 8.6882, 25.1076

Square

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



38.4392, 12.9466, -69.1299



38.4392, 53.5014, 13.1552



38.4392, -15.0556, 24.9349



38.4392, -37.2644, -13.7200

Rectangle

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



38.4387, 12.9453, -69.1309



38.4392, 51.3245, -19.2240



38.4392, -15.0556, 24.9349



38.4392, -36.3905, 15.5604

Sweetspot

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



38.4392, 12.9466, -69.1299



82.4443, -3.7612, -17.3014



69.3578, -47.2662, 19.1468



36.9865, -1.5123, -9.6966

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.4392, 12.9466, -69.1299



40.6226, 29.0334, -112.5433



26.7774, 47.8172, -116.2264



34.8166, -1.8888, -1.1322



25.0891, 18.8739, -72.1025



7.0845, 1.9223, -13.0048

Inverse Universe

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



40.1517, 61.0422, 6.8615



47.3411, 81.8362, 15.3357



75.2540, -26.6466, 44.2508



34.4664, 1.7613, 1.4113



29.5071, 51.7143, 9.9008



7.0849, 12.6221, 0.7875

Previews

White Background



This preview shows how the HunterLab color 38.4387, 12.9453, -69.1309 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 38.4387, 12.9453, -69.1309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

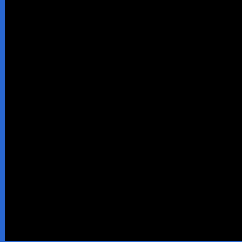
Any Text WCAG AA × Fail

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 38.4387, 12.9453, -69.1309 Background



This preview shows how black text looks on a background with the HunterLab color 38.4387, 12.9453, -69.1309.



This preview shows how white text looks on a background with the HunterLab color 38.4387, 12.9453, -69.1309.

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

38.4387, 12.9453, -69.1309

Protanopia

38.4387, 12.9453, -69.1309

Deuteranopia

38.2818, 1.8431, -51.8276



Tritanopia

38.3744, -18.6509, -7.7027

Trichromacy



Original Color

38.4387, 12.9453, -69.1309

Protanomaly

38.4387, 12.9453, -69.1309

Deuteranomaly

38.2729, 5.4651, -58.1513

Tritanomaly

37.8763, -8.8453, -26.7479

Monochromacy



Original Color

38.4387, 12.9453, -69.1309

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.1233, 0.0778, -18.9447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4387, 12.9453, -69.1309 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(41, 103, 209)` looks like.

```
.text, #text, p{  
    color:rgb(41, 103, 209)  
}
```

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(41, 103, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 103, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4387, 12.9453, -69.1309 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(41, 103, 209) }
```


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

```
.border{ border-color:rgb(41, 103, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 103, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 103, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 103, 209);  
box-shadow:4px 4px 4px 4px rgb(41, 103,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4387, 12.9453, -69.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 103, 209) }
```

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

```
.background{ background-color: rgb(41, 103,  
209) }
```

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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