

# Converting Colors

HunterLab(20.0369, 7.5084,  
-39.0998)

Have a look what the booklet for  
HunterLab(20.0369, 7.5084,  
-39.0998) contains.

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# Color

**HunterLab(20.1206, 7.3769,  
-38.9011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C3677
RGB	12, 54, 119
RGB Percent	5%, 21%, 47%
CMY	0.9529, 0.7882, 0.5333
CMYK	0.90, 0.55, 0.00, 0.53
HSL	216°, 82%, 26%
HSV	216°, 90%, 47%
XYZ	4.8005, 4.0484, 17.9811
YIQ	48.8520, -45.8970, 11.3110

# Conversions

## Conversions Part 2

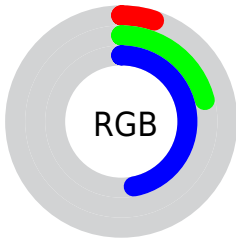
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 42, 119
Decimal	800375
CIE <sub>Lab</sub>	23.83, 13.14, -41.05
CIE <sub>LCh</sub>	24, 43.105, 287.747
Yxy	4.0485, 0.1789, 0.1509
Android (android.graphics.Color)	4278990455 (0xFF0C3677)
YUV	48.8520, 34.5830, -32.3192
Hunter-Lab	20.1206, 7.3769, -38.9011

# Details

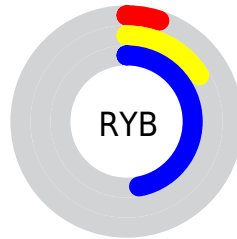
The HunterLab color **20.1206, 7.3769, -38.9011** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **30.4268, 7.3479, 18.1990**, and the grayscale version is **17.3764, -0.9272, 0.9441**.

A 20% lighter version of the original color is **37.0305, 8.2029, -39.5293**, and **8.2555, 12.0431, -36.3162** is the 20% darker color. If you saturate the color by 10%, you get **18.2957, 10.3108, -45.1042**, and if you desaturate by 10%, it is **22.1068, 4.7974, -33.1021**.

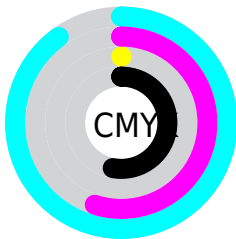
# Distribution



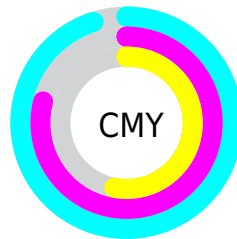
- Red (5%)
- Green (21%)
- Blue (47%)



- Red (5%)
- Yellow (16%)
- Blue (47%)



- Cyan (90%)
- Magenta (55%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (79%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1206, 7.3769, -38.9011 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 20.1206, 7.3769, -38.9011 by changing the saturation by 10% instead.



■ 20.1206, 7.3769,  
-38.9011

■ 20.1206, 7.3769,  
-38.9011

■ 118.4080, 8.1600,  
-43.7970

■ 13.0412, 6.8026,  
-39.8228

■ 37.0428, 8.1246,  
-39.4040

■ 6.5125, 8.4432,  
-48.2294

■ 46.7075, 8.3420,  
-40.0148

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.0915, 8.4750,  
-40.6861

0.0000, NaN, NaN

■ 68.1480, 8.5338,  
-41.3665

0.0000, NaN, NaN

■ 79.8384, 8.5260,  
-42.0294

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.1300, 8.4579,

-42.6600

0.0000, NaN, NaN

104.9947, 8.3345,  
-43.2506

20.1206, 7.3769,  
-38.9011

20.1206, 7.3769,  
-38.9011

18.2957, 10.3108,  
-45.1042

22.1068, 4.7974,  
-33.1021

18.2790, 10.3388,  
-45.1656

24.2768, 2.7037,  
-27.6175

26.6073, 1.0571,  
-22.4770

29.0769, -0.1960,  
-17.6740

31.6677, -1.1106,  
-13.1822

■ 34.3646, -1.7370,  
-8.9669

■ 37.1552, -2.1190,  
-4.9924

■ 40.0294, -2.2935,  
-1.2247

■ 42.9786, -2.2910,  
2.3665

# Harmonies

## Analogous

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



20.1209, -6.2460, -40.4647



20.1206, 7.3769, -38.9011



20.1209, 21.7125, -23.2689

# Triad

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



20.1209, 7.3776, -38.9006



20.1209, 19.2972, 12.1928



20.1209, -20.5404, 5.6254

# Complementary

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



20.1206, 7.3769, -38.9011



30.4268, 7.3479, 18.1990

# 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.



20.1209, -16.7885, 11.5910



20.1206, 7.3769, -38.9011



20.1209, 4.6782, 14.0846

# Square

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



20.1209, 7.3776, -38.9006



20.1209, 29.7360, 7.2152



20.1209, -8.3275, 14.0775



20.1209, -20.1741, -7.8775



# Rectangle

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



20.1206, 7.3769, -38.9011



20.1209, 28.6801, -10.5436



20.1209, -8.3275, 14.0775



20.1209, -19.7702, 8.3306

# Sweetspot

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



20.1209, 7.3776, -38.9006



46.8047, -2.4643, -10.7922



37.1438, -26.2668, 11.4541



22.3018, -1.1160, -5.9682



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202



# Same Dimension

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



20.1209, 7.3776, -38.9006



23.9323, 15.0565, -62.4160



13.3188, 27.7295, -69.0008



19.5034, -1.1134, -0.4358



18.7936, 10.7651, -46.7291



39.5541, 28.3217, -110.5777



# Inverse Universe

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



21.0986, 34.1880, 3.7919



27.1303, 47.7052, 7.8901



40.5307, -14.1851, 24.2171



19.2937, 0.8186, 0.7622



20.9297, 36.8638, 5.6095



46.0313, 80.7487, 14.8704



# Previews

## White Background



This preview shows how the HunterLab color 20.1206, 7.3769, -38.9011 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 ✓ Pass



# Black Background



This preview shows how the HunterLab color 20.1206, 7.3769, -38.9011 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

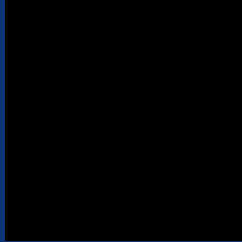
Any Text WCAG AA × Fail

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 20.1206, 7.3769, -38.9011 Background



This preview shows how black text looks on a background with the HunterLab color 20.1206, 7.3769, -38.9011.



This preview shows how white text looks on a background with the HunterLab color 20.1206, 7.3769, -38.9011.



# 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

20.1206, 7.3769, -38.9011

### Deuteranopia

19.9141, -0.2323, -24.3893

### Tritanopia

19.9004, -9.7947, -3.7298

# Trichromacy



## Original Color

20.1206, 7.3769, -38.9011

## Deuteranomaly

20.0868, 2.3488, -29.4583

## Tritanomaly

19.8228, -4.5630, -14.1983

# Monochromacy



## Original Color

20.1206, 7.3769, -38.9011

## Achromatopsia

17.5253, -0.9351, 0.9522

## Achromatomaly

17.9920, -0.2604, -10.2671

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 20.1206, 7.3769, -38.9011 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(12, 54, 119)` looks like.

```
.text, #text, p{  
    color:rgb(12, 54, 119)  
}
```

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(12, 54, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 54, 119) }
```

## Border

The CSS property to change the border of an element to HunterLab 20.1206, 7.3769, -38.9011 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(12, 54, 119) }
```

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

```
.border{ border-color:rgb(12, 54, 119) }
```

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

Here you see how a box with a 4 pixel rgb(12, 54, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 54, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 54, 119);  
box-shadow:4px 4px 4px 4px rgb(12, 54,  
119) }
```



# Background

The CSS property to change the background color of an element to HunterLab 20.1206, 7.3769, -38.9011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 54, 119) }
```

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

```
.background{ background-color: rgb(12, 54,  
119) }
```

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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