

Converting Colors

HunterLab(38.9735, -13.1162,
-20.3995)

Have a look what the booklet for
HunterLab(38.9735, -13.1162,
-20.3995) contains.

HunterLab(38.9344, -13.1954, -20.1794)	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>	30

Color

**HunterLab(38.9344,
-13.1954, -20.1794)**

Conversions

Conversions Part 1

Format	Color
Hex	007696
RGB	0, 118, 150
RGB Percent	0%, 46%, 59%
CMY	0.9999, 0.5372, 0.4118
CMYK	1.00, 0.21, 0.00, 0.41
HSL	193°, 100%, 29%
HSV	193°, 100%, 59%
XYZ	11.9835, 15.1589, 31.1485
YIQ	86.3660, -80.6000, -15.0640

Conversions

Conversions Part 2

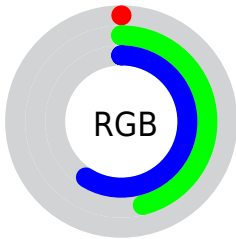
Format	Color
RYB	0, 66, 150
Decimal	30358
CIELab	45.85, -15.88, -25.14
CIELCh	46, 29.737, 237.720
Yxy	15.1594, 0.2056, 0.2601
Android (android.graphics.Color)	4278220438 (0xFF007696)
YUV	86.3660, 31.3716, -75.7430
Hunter-Lab	38.9344, -13.1954, -20.1794

Details

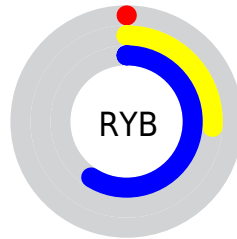
The HunterLab color **38.9344, -13.1954, -20.1794** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.4198, 37.2630, 17.5468**, and the grayscale version is **30.5525, -1.6302, 1.6600**.

A 20% lighter version of the original color is **59.1949, -16.0820, -21.0244**, and **22.9808, -5.7116, -16.3944** is the 20% darker color. If you saturate the color by 10%, you get **38.9333, -13.1937, -20.1818**, and if you desaturate by 10%, it is **40.0346, -14.0402, -18.3092**.

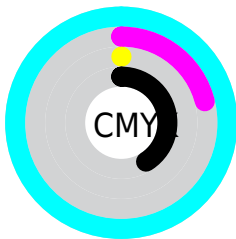
Distribution



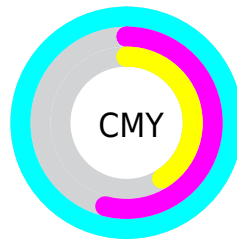
- Red (0%)
- Green (46%)
- Blue (59%)



- Red (0%)
- Yellow (26%)
- Blue (59%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9344, -13.1954, -20.1794 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 38.9344, -13.1954, -20.1794 by changing the saturation by 10% instead.

■ 38.9344, -13.1954,
-20.1794

■ 38.9344, -13.1954,
-20.1794

■ 149.7762,
-26.0512, -22.4628

■ 29.8853, -11.6548,
-19.6570

■ 59.2727, -16.1436,
-21.0840

■ 21.6712, -10.0381,
-19.1308

■ 70.4602, -17.5796,
-21.4499

■ 14.3884, -8.2976,
-18.7059

■ 82.2746, -19.0014,
-21.7563

■ 8.0488, -9.0278,
-19.2173

■ 94.6841, -20.4146,
-22.0047

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.6616,
-21.8234, -22.1971

0.0000, NaN, NaN

■ 121.1830,

0.0000, NaN, NaN

-23.2309, -22.3360

0.0000, NaN, NaN

135.2275,
-24.6395, -22.4238

■ 38.9344, -13.1954,
-20.1794

■ 38.9344, -13.1954,
-20.1794

■ 38.9333, -13.1937,
-20.1818

■ 40.0346, -14.0402,
-18.3092

■ 41.2247, -14.5579,
-16.3512

■ 42.5387, -14.6227,
-14.2609

■ 43.9810, -14.2213,
-12.0463

■ 45.5523, -13.3582,
-9.7211

■ 47.2508, -12.0506,
-7.3016

■ 49.0728, -10.3239,
-4.8043

■ 51.0137, -8.2083,
-2.2450

■ 53.0679, -5.7367,
0.3622

Harmonies

Analogous

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



38.9351, -19.7784, -8.9852



38.9344, -13.1954, -20.1794



38.9351, -2.9549, -25.2892

Triad

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



38.9351, -13.1951, -20.1787



38.9351, 22.5603, 1.2737



38.9351, -11.8373, 16.5164

Complementary

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



38.9344, -13.1954, -20.1794



27.4198, 37.2630, 17.5468

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.



38.9351, -1.1965, 17.8194



38.9344, -13.1954, -20.1794



38.9351, 19.4834, 10.6865

Square

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



38.9351, -13.1951, -20.1787



38.9351, 18.4263, -10.8656



38.9351, 10.4424, 16.0350



38.9351, -19.0607, 11.7596

Rectangle

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



38.9344, -13.1954, -20.1794



38.9351, 4.8794, -23.7015



38.9351, 10.4424, 16.0350



38.9351, -8.5817, 17.2996

Sweetspot

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



38.9351, -13.1951, -20.1787



65.0389, -13.8692, -6.5864



46.8048, -39.4185, 26.5932



30.1777, -6.9631, -3.6978



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



38.9351, -13.1951, -20.1787



51.4675, -17.1780, -27.2474



20.1997, 21.5983, -71.8680



25.2079, -2.6170, 0.2700



35.5233, -12.1074, -18.2646



4.4332, -2.0014, -1.2206

Inverse Universe

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



27.9154, 52.4866, -18.2838



37.0468, 69.6028, -23.8048



40.7295, 5.9896, 25.2011



24.2656, 1.5456, -0.1566



25.4308, 47.8352, -16.7776



2.8880, 5.5546, -2.8535

Previews

White Background



This preview shows how the HunterLab color 38.9344, -13.1954, -20.1794 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 38.9344, -13.1954, -20.1794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

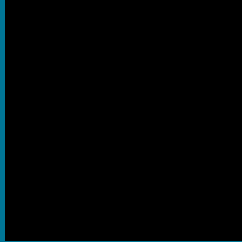
Any Text WCAG AA × Fail

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 38.9344, -13.1954, -20.1794 Background



This preview shows how black text looks on a background with the HunterLab color 38.9344, -13.1954, -20.1794.



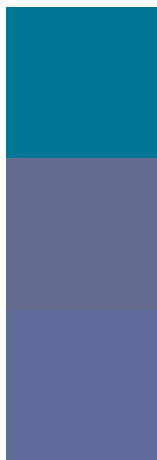
This preview shows how white text looks on a background with the HunterLab color 38.9344, -13.1954, -20.1794.

-13.1954, -20.1794.

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

38.9344, -13.1954, -20.1794

Protanopia

38.8858, 2.1172, -15.0212

Deuteranopia

38.9133, 3.1015, -21.8855

Trichromacy



Original Color

38.9344, -13.1954, -20.1794

Protanomaly

38.0394, -6.2930, -18.4236

Deuteranomaly

38.1650, -5.2594, -22.7234

Monochromacy



Original Color

38.9344, -13.1954, -20.1794

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.6370, -9.5127, -6.3391

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9344, -13.1954, -20.1794 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, 118, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 150)  
}
```

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, 118, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9344, -13.1954, -20.1794 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, 118, 150) }
```

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

```
.border{ border-color:rgb(0, 118, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
150) }
```


Background

The CSS property to change the background color of an element to HunterLab 38.9344, -13.1954, -20.1794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 150) }
```

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

```
.background{ background-color: rgb(0, 118,  
150) }
```

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