

Converting Colors

HunterLab(38.5725, -12.5683,
-16.6119)

Have a look what the booklet for
HunterLab(38.5725, -12.5683,
-16.6119) contains.

HunterLab(38.4461, -12.4996, -16.6040)	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(38.4461,
-12.4996, -16.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	20748F
RGB	32, 116, 143
RGB Percent	13%, 45%, 56%
CMY	0.8745, 0.5451, 0.4392
CMYK	0.78, 0.19, 0.00, 0.44
HSL	195°, 63%, 34%
HSV	195°, 78%, 56%
XYZ	11.7990, 14.7810, 28.2178
YIQ	93.9620, -58.7310, -9.4110

Conversions

Conversions Part 2

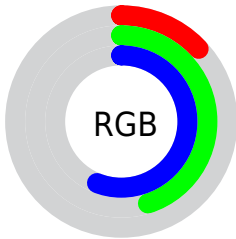
Format	Color
R_{YB}	32, 80, 143
Decimal	2126991
CIE _{Lab}	45.33, -14.94, -21.77
CIE _{LCh}	45, 26.400, 235.532
Yxy	14.7816, 0.2153, 0.2697
Android (android.graphics.Color)	4280317071 (0xFF20748F)
YUV	93.9620, 24.1757, -54.3407
Hunter-Lab	38.4461, -12.4996, -16.6040

Details

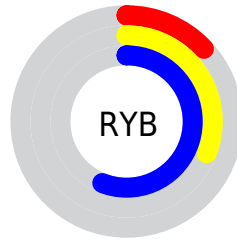
The HunterLab color **38.4461, -12.4996, -16.6040** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30.1210, 25.2342, 16.3112**, and the grayscale version is **33.3722, -1.7807, 1.8132**.

A 20% lighter version of the original color is **58.7106, -15.1820, -17.4332**, and **22.1913, -6.3150, -14.1049** is the 20% darker color. If you saturate the color by 10%, you get **37.1660, -11.9502, -18.7640**, and if you desaturate by 10%, it is **39.8490, -12.6110, -14.3310**.

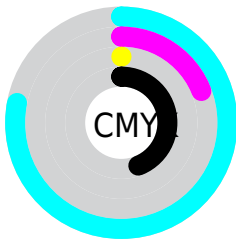
Distribution



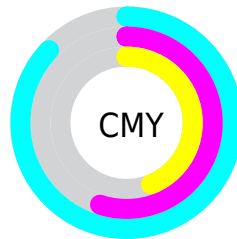
- Red (13%)
- Green (45%)
- Blue (56%)



- Red (13%)
- Yellow (31%)
- Blue (56%)



- Cyan (78%)
- Magenta (19%)
- Yellow (0%)
- Black (44%)



- Cyan (87%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4461, -12.4996, -16.6040 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 38.4461, -12.4996, -16.6040 by changing the saturation by 10% instead.

38.4461, -12.4996,
-16.6040

38.4461, -12.4996,
-16.6040

149.0101,
-24.9356, -18.0259

29.4384, -11.0221,
-16.1486

58.7107, -15.3361,
-17.3331

21.2700, -9.4747,
-15.6567

69.8648, -16.7214,
-17.6026

14.0387, -7.8122,
-15.1955

81.6475, -18.0953,
-17.8104

7.6841, -8.8831,
-15.6963

94.0269, -19.4631,
-17.9594

0.0000, NaN, -NF

0.0000, NaN, NaN

106.9755,
-20.8284, -18.0527

0.0000, NaN, NaN

120.4693,

0.0000, NaN, NaN

-22.1942, -18.0931

0.0000, NaN, NaN

134.4872,
-23.5627, -18.0833

■ 38.4461, -12.4996,
-16.6040

■ 38.4461, -12.4996,
-16.6040

■ 37.1660, -11.9502,
-18.7640

■ 39.8490, -12.6110,
-14.3310

■ 35.9888, -11.0306,
-20.8292

■ 41.3746, -12.2811,
-11.9595

■ 35.7125, -10.7985,
-21.3267

■ 43.0222, -11.5211,
-9.5048

■ 44.7886, -10.3524,
-6.9834

■ 46.6692, -8.8025,
-4.4113

■ 48.6585, -6.9019,
-1.8025

■ 50.7509, -4.6822,
0.8311

■ 52.9403, -2.1741,
3.4797

■ 55.2210, 0.5931,
6.1355

Harmonies

Analogous

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



38.4468, -18.1451, -6.8123



38.4461, -12.4996, -16.6040



38.4468, -3.5640, -21.4348

Triad

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



38.4468, -12.4995, -16.6033



38.4468, 19.4320, 0.6162



38.4468, -10.1186, 15.3715

Complementary

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



38.4461, -12.4996, -16.6040



30.1210, 25.2342, 16.3112

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.



38.4468, -0.5193, 16.3953



38.4461, -12.4996, -16.6040



38.4468, 17.2159, 9.2736

Square

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



38.4468, -12.4995, -16.6033



38.4468, 15.4197, -9.9840



38.4468, 9.6425, 14.4803



38.4468, -16.8740, 11.1967

Rectangle

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



38.4461, -12.4996, -16.6040



38.4468, 3.3202, -20.4706



38.4468, 9.6425, 14.4803



38.4468, -7.1474, 16.0402

Sweetspot

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



38.4468, -12.4995, -16.6033



63.5359, -10.7837, -4.4663



45.0077, -34.4242, 21.8740



30.0131, -5.5460, -2.6857



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



38.4468, -12.4995, -16.6033



48.5752, -15.0973, -27.1360



23.8600, 12.5222, -49.6535



24.2840, -2.4317, 0.2017



33.6307, -10.2245, -19.9638



3.7741, -1.6504, -1.1544

Inverse Universe

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



28.5205, 43.9505, -16.0063



35.7230, 64.7401, -20.6722



42.2426, 0.1873, 24.1142



23.4284, 1.4451, -0.0612



24.7550, 46.2909, -14.2138



2.4910, 4.7752, -2.3382

Previews

White Background



This preview shows how the HunterLab color 38.4461, -12.4996, -16.6040 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 38.4461, -12.4996, -16.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

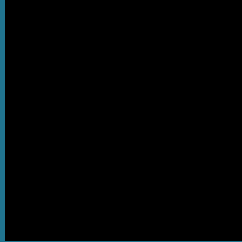
Any Text WCAG AA × Fail

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 38.4461, -12.4996, -16.6040 Background



This preview shows how black text looks on a background with the HunterLab color 38.4461, -12.4996, -16.6040.



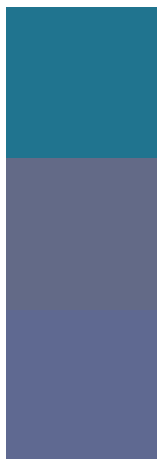
This preview shows how white text looks on a background with the HunterLab color 38.4461, -12.4996, -16.6040.

-12.4996, -16.6040.

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

38.4461, -12.4996, -16.6040

Protanopia

38.3536, 1.1693, -11.7803

Deuteranopia

38.1843, 2.7451, -18.0177



Tritanopia

38.5299, -17.9762, -7.9984

Trichromacy



Original Color

38.4461, -12.4996, -16.6040

Protanomaly

38.0561, -5.3175, -14.1039

Deuteranomaly

37.8532, -4.1143, -18.0752

Tritanomaly

38.4834, -16.2251, -10.7585

Monochromacy



Original Color

38.4461, -12.4996, -16.6040

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.6586, -7.7363, -5.0025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4461, -12.4996, -16.6040 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(32, 116, 143)` looks like.

```
.text, #text, p{  
    color:rgb(32, 116, 143)  
}
```

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(32, 116, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 116, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4461, -12.4996, -16.6040 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(32, 116, 143) }
```


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

```
.border{ border-color:rgb(32, 116, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 116, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 116, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 116, 143);  
box-shadow:4px 4px 4px 4px rgb(32, 116,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4461, -12.4996, -16.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 116, 143) }
```

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

```
.background{ background-color: rgb(32, 116,  
143) }
```

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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