

Converting Colors

HunterLab(35.3827, -12.7353,
-6.4207)

Have a look what the booklet for
HunterLab(35.3827, -12.7353,
-6.4207) contains.

HunterLab(35.2884, -12.5109, -6.7509)	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(35.2884,
-12.5109, -6.7509)**

Conversions

Conversions Part 1

Format	Color
Hex	316B75
RGB	49, 107, 117
RGB Percent	19%, 42%, 46%
CMY	0.8078, 0.5804, 0.5412
CMYK	0.58, 0.09, 0.00, 0.54
HSL	189°, 41%, 33%
HSV	189°, 58%, 46%
XYZ	9.7352, 12.4527, 18.7202
YIQ	90.7980, -37.7780, -9.1860

Conversions

Conversions Part 2

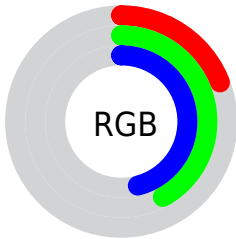
Format	Color
RYB	49, 80, 117
Decimal	3238773
CIELab	41.93, -15.74, -11.34
CIELCh	42, 19.400, 215.756
Yxy	12.4532, 0.2380, 0.3044
Android (android.graphics.Color)	4281428853 (0xFF316B75)
YUV	90.7980, 12.9176, -36.6568
Hunter-Lab	35.2884, -12.5109, -6.7509




Details

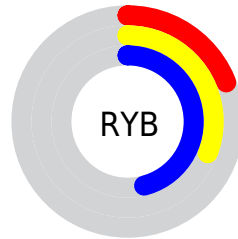
The HunterLab color **35.2884, -12.5109, -6.7509** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.7057, 16.4605, 10.2921**, and the grayscale version is **32.2344, -1.7199, 1.7514**.




A 20% lighter version of the original color is **55.2138, -15.6757, -6.5592**, and **18.8616, -8.0413, -6.2165** is the 20% darker color. If you saturate the color by 10%, you get **34.4149, -13.2082, -8.0194**, and if you desaturate by 10%, it is **36.2563, -11.4771, -5.3819**.

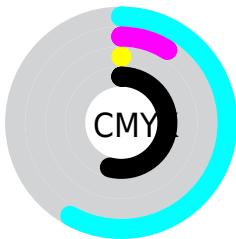
Distribution







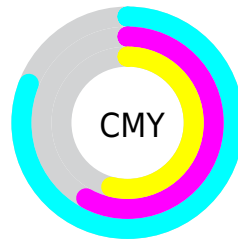
-  Red (19%)
-  Green (42%)
-  Blue (46%)






-  Red (19%)
-  Yellow (31%)
-  Blue (46%)



-  Cyan (58%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (81%)
-  Magenta (58%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.2884, -12.5109, -6.7509 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 35.2884, -12.5109, -6.7509 by changing the saturation by 10% instead.

■ 35.2884, -12.5109,
-6.7509

■ 35.2884, -12.5109,
-6.7509

144.0079,
-25.3465, -5.1169

■ 26.5577, -10.9548,
-6.6228

■ 55.0616, -15.4705,
-6.7808

■ 18.6958, -9.3084,
-6.4104

■ 65.9933, -16.9063,
-6.6976

■ 11.8130, -7.5110,
-6.1109

■ 77.5658, -18.3256,
-6.5564

■ 4.6194, -8.0839,
-9.9374

■ 89.7452, -19.7348,
-6.3617

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.5028,
-21.1385, -6.1174

0.0000, NaN, NaN

■ 115.8134,

0.0000, NaN, NaN

-22.5400, -5.8267

0.0000, NaN, NaN

129.6550,
-23.9419, -5.4924

■ 35.2884, -12.5109,
-6.7509

■ 35.2884, -12.5109,
-6.7509

■ 34.4149, -13.2082,
-8.0194

■ 36.2563, -11.4771,
-5.3819

■ 33.6322, -13.5676,
-9.1829

■ 37.3166, -10.1160,
-3.9227

■ 32.9368, -13.5996,
-10.2383

■ 38.4687, -8.4434,
-2.3827

■ 32.3047, -13.3945,
-11.2170

■ 39.7101, -6.4791,
-0.7724

■ 32.1863, -13.3539,
-11.4028

■ 41.0381, -4.2455,
0.8981

■ 42.4490, -1.7659,
2.6191

■ 43.9391, 0.9363,
4.3818

■ 45.5045, 3.8385,
6.1784

■ 47.1414, 6.9194,
8.0024

Harmonies

Analogous

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



35.2891, -14.7244, 0.5634



35.2884, -12.5109, -6.7509



35.2891, -7.4345, -12.4545

Triad

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



35.2891, -12.5110, -6.7503



35.2891, 11.7629, -3.9769



35.2891, -3.2735, 12.7413

Complementary

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



35.2884, -12.5109, -6.7509



26.7057, 16.4605, 10.2921

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.



35.2891, 4.0306, 12.0083



35.2884, -12.5109, -6.7509



35.2891, 13.1017, 3.2265

Square

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



35.2891, -12.5110, -6.7503



35.2891, 6.6458, -10.6401



35.2891, 10.1696, 8.8311



35.2891, -9.6750, 11.0853

Rectangle

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



35.2884, -12.5109, -6.7509



35.2891, -2.9117, -14.0487



35.2891, 10.1696, 8.8311



35.2891, -0.8460, 12.7611

Sweetspot

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



35.2891, -12.5110, -6.7503



53.2556, -8.4785, -0.8844



36.9892, -24.2255, 15.9372



25.4131, -4.2660, -0.5808



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



35.2891, -12.5110, -6.7503



45.6521, -17.9046, -11.3228



26.1274, 1.5690, -22.0644



20.1692, -2.1995, 0.3658



33.7589, -13.9838, -12.0086



73.8653, -30.0110, -27.5400

Inverse Universe

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



26.5338, 28.1618, -14.2398



32.4528, 45.7515, -22.6129



34.1612, 1.4771, 16.0320



19.3627, 1.1891, -0.2189



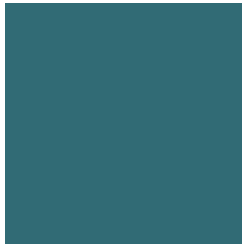
22.7475, 43.3853, -19.6384



50.1172, 95.4281, -42.0396

Previews

White Background



This preview shows how the HunterLab color 35.2884, -12.5109, -6.7509 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 35.2884, -12.5109, -6.7509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

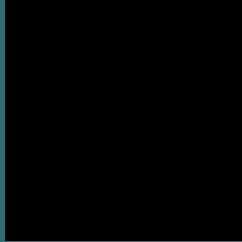
Any Text WCAG AA × Fail

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 35.2884, -12.5109, -6.7509 Background



This preview shows how black text looks on a background with the HunterLab color 35.2884, -12.5109, -6.7509.



This preview shows how white text looks on a background with the HunterLab color 35.2884,

-12.5109, -6.7509.

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

35.2884, -12.5109, -6.7509

Protanopia

35.2483, -0.0716, -3.5779

Deuteranopia

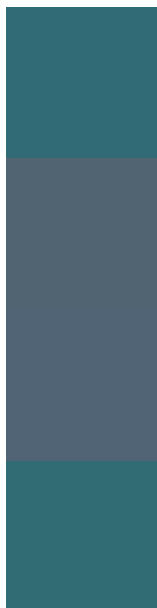
35.0633, 2.5270, -7.8616



Tritanopia

35.2552, -12.7027, -6.2856

Trichromacy



Original Color

35.2884, -12.5109, -6.7509

Protanomaly

34.9358, -5.2279, -5.0779

Deuteranomaly

34.8250, -3.8676, -7.7890

Tritanomaly

35.2552, -12.7027, -6.2856

Monochromacy



Original Color

35.2884, -12.5109, -6.7509

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.1753, -6.6436, -1.2211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.2884, -12.5109, -6.7509 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(49, 107, 117)` looks like.

```
.text, #text, p{  
    color:rgb(49, 107, 117)  
}
```

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(49, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 107, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 35.2884, -12.5109, -6.7509 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(49, 107, 117) }
```


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

```
.border{ border-color:rgb(49, 107, 117) }
```

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

Here you see how a box with a 4 pixel rgb(49, 107, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(49, 107,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.2884, -12.5109, -6.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 107, 117) }
```

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

```
.background{ background-color: rgb(49, 107,  
117) }
```

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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