

Converting Colors

HunterLab(31.5874, -8.4520,
-10.9873)

Have a look what the booklet for
HunterLab(31.5874, -8.4520,
-10.9873) contains.

HunterLab(31.6276, -8.4290, -11.0646)	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(31.6276, -8.4290,
-11.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5F73
RGB	46, 95, 115
RGB Percent	18%, 37%, 45%
CMY	0.8196, 0.6274, 0.5490
CMYK	0.60, 0.17, 0.00, 0.55
HSL	197°, 43%, 32%
HSV	197°, 60%, 45%
XYZ	8.3134, 10.0031, 17.7123
YIQ	82.6290, -35.6240, -4.1680

Conversions

Conversions Part 2

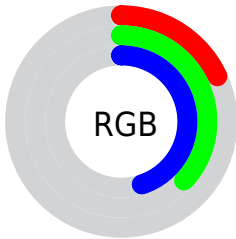
Format	Color
R_{YB}	46, 75, 115
Decimal	3039091
CIE _{Lab}	37.85, -10.16, -16.34
CIE _{LCh}	38, 19.235, 238.133
Yxy	10.0034, 0.2307, 0.2776
Android (android.graphics.Color)	4281229171 (0xFF2E5F73)
YUV	82.6290, 15.9589, -32.1236
Hunter-Lab	31.6276, -8.4290, -11.0646

Details

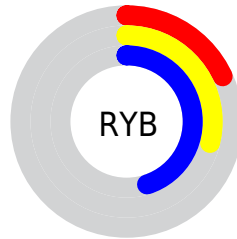
The HunterLab color **31.6276, -8.4290, -11.0646** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.8188, 12.3502, 11.8484**, and the grayscale version is **29.2299, -1.5596, 1.5881**.

A 20% lighter version of the original color is **50.6335, -10.5666, -11.7944**, and **16.1303, -4.8627, -9.6643** is the 20% darker color. If you saturate the color by 10%, you get **30.3042, -8.4465, -13.2086**, and if you desaturate by 10%, it is **33.0465, -8.0847, -8.8791**.

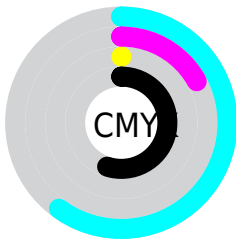
Distribution



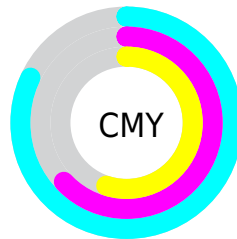
- Red (18%)
- Green (37%)
- Blue (45%)



- Red (18%)
- Yellow (29%)
- Blue (45%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6276, -8.4290, -11.0646 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 31.6276, -8.4290, -11.0646 by changing the saturation by 10% instead.

31.6276, -8.4290,
-11.0646

31.6276, -8.4290,
-11.0646

138.0929,
-18.7001, -11.2848

23.2405, -7.2618,
-10.7138

50.7956, -10.7010,
-11.5455

15.7624, -6.0465,
-10.3023

61.4549, -11.8268,
-11.6811

9.3214, -5.2452,
-9.8936

72.7704, -12.9537,
-11.7524

0.0000, NaN, -NF

0.0000, NaN, NaN

84.7059, -14.0853,
-11.7639

0.0000, NaN, NaN

97.2309, -15.2241,
-11.7195

0.0000, NaN, NaN

110.3188,

0.0000, NaN, NaN

-16.3721, -11.6228

0.0000, NaN, NaN

123.9463,
-17.5304, -11.4770

■ 31.6276, -8.4290,
-11.0646

■ 31.6276, -8.4290,
-11.0646

■ 30.3042, -8.4465,
-13.2086

■ 33.0465, -8.0847,
-8.8791

■ 29.0767, -8.1252,
-15.2990

■ 34.5554, -7.4323,
-6.6671

■ 27.9458, -7.4644,
-17.3227

■ 36.1507, -6.4944,
-4.4396

■ 26.8747, -6.6019,
-19.3391

■ 37.8275, -5.2952,
-2.2062

■ 26.8744, -6.6017,
-19.3396

■ 39.5809, -3.8589,
0.0256

■ 41.4061, -2.2089,
2.2502

■ 43.2986, -0.3668,
4.4637

■ 45.2538, 1.6475,
6.6634

■ 47.2678, 3.8160,
8.8478

Harmonies

Analogous

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



31.6282, -12.6153, -4.8659



31.6276, -8.4290, -11.0646



31.6282, -2.1229, -13.7703

Triad

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



31.6282, -8.4290, -11.0640



31.6282, 12.7795, 1.3052



31.6282, -7.7371, 10.9929

Complementary

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



31.6276, -8.4290, -11.0646



27.8188, 12.3502, 11.8484

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.



31.6282, -1.2534, 11.9605



31.6276, -8.4290, -11.0646



31.6282, 10.9563, 7.1400

Square

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



31.6282, -8.4290, -11.0640



31.6282, 10.4569, -5.7382



31.6282, 5.6668, 10.7144



31.6282, -12.2406, 7.7156

Rectangle

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



31.6276, -8.4290, -11.0646



31.6282, 2.5706, -12.8695



31.6282, 5.6668, 10.7144



31.6282, -5.7350, 11.5634

Sweetspot

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



31.6282, -8.4290, -11.0640



50.9705, -6.8126, -2.4967



36.3739, -23.2771, 13.7167



24.6276, -3.5348, -1.5677



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.



31.6282, -8.4290, -11.0640



39.8967, -11.1896, -18.7744



22.6962, 6.5864, -28.2711



19.9613, -1.8641, 0.1184



28.6685, -6.9618, -20.8047



62.0681, -13.5601, -48.3072

Inverse Universe

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



25.3483, 26.8555, -9.2344



30.8623, 43.3082, -13.7847



36.0088, -2.9073, 17.8811



19.3409, 1.0724, 0.0903



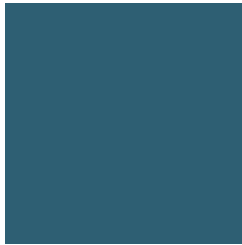
22.0311, 40.8464, -9.9306



48.4752, 89.6018, -19.7342

Previews

White Background



This preview shows how the HunterLab color 31.6276, -8.4290, -11.0646 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 31.6276, -8.4290, -11.0646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

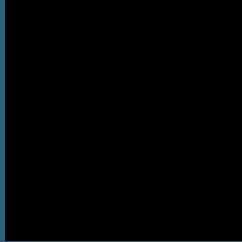
Any Text WCAG AA × Fail

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 31.6276, -8.4290, -11.0646 Background



This preview shows how black text looks on a background with the HunterLab color 31.6276, -8.4290, -11.0646.

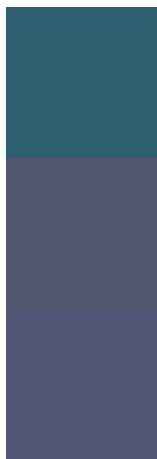


This preview shows how white text looks on a background with the HunterLab color 31.6276, -8.4290, -11.0646.

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

31.6276, -8.4290, -11.0646

Protanopia

31.6070, 0.9385, -8.1797

Deuteranopia

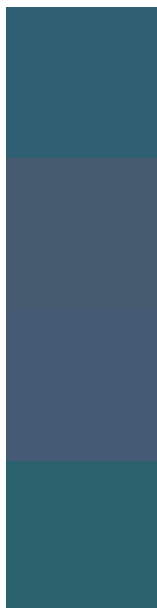
31.4557, 2.2596, -12.2994



Tritanopia

31.6871, -11.8573, -5.6888

Trichromacy



Original Color

31.6276, -8.4290, -11.0646

Protanomaly

31.5501, -3.2103, -9.4223

Deuteranomaly

31.3664, -2.1784, -11.9428

Tritanomaly

31.5966, -10.4414, -7.8618

Monochromacy



Original Color

31.6276, -8.4290, -11.0646

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.9077, -4.5943, -3.1142

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6276, -8.4290, -11.0646 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(46, 95, 115)` looks like.

```
.text, #text, p{  
    color:rgb(46, 95, 115)  
}
```

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(46, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 95, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6276, -8.4290, -11.0646 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(46, 95, 115) }
```


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

```
.border{ border-color:rgb(46, 95, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 95, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(46, 95,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6276, -8.4290, -11.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 95, 115) }
```

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

```
.background{ background-color: rgb(46, 95,  
115) }
```

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