

Converting Colors

HunterLab(34.1384, -11.4290,
-16.0342)

Have a look what the booklet for
HunterLab(34.1384, -11.4290,
-16.0342) contains.

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Color

**HunterLab(34.1050,
-11.4762, -15.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	116882
RGB	17, 104, 130
RGB Percent	7%, 41%, 51%
CMY	0.9333, 0.5922, 0.4902
CMYK	0.87, 0.20, 0.00, 0.49
HSL	194°, 77%, 29%
HSV	194°, 87%, 51%
XYZ	9.2107, 11.6315, 22.8788
YIQ	80.9510, -60.1980, -10.3580

Conversions

Conversions Part 2

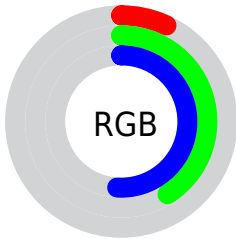
Format	Color
R_{YB}	17, 66, 130
Decimal	1140866
CIE _{Lab}	40.63, -14.41, -21.27
CIE _{LCh}	41, 25.693, 235.890
Yxy	11.6319, 0.2107, 0.2660
Android (android.graphics.Color)	4279330946 (0xFF116882)
YUV	80.9510, 24.1812, -56.0850
Hunter-Lab	34.1050, -11.4762, -15.9002

Details

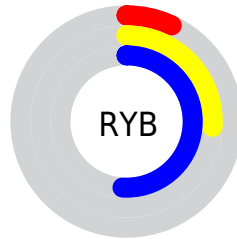
The HunterLab color **34.1050, -11.4762, -15.9002** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.5244, 26.4654, 14.9584**, and the grayscale version is **28.5996, -1.5260, 1.5539**.

A 20% lighter version of the original color is **53.6157, -14.1760, -16.7515**, and **18.7626, -4.7852, -13.1218** is the 20% darker color. If you saturate the color by 10%, you get **33.0861, -10.7797, -17.6468**, and if you desaturate by 10%, it is **35.2162, -11.8436, -14.0638**.

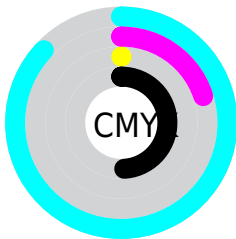
Distribution



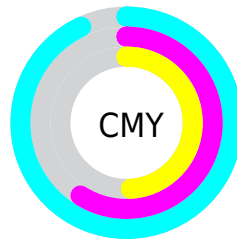
- Red (7%)
- Green (41%)
- Blue (51%)



- Red (7%)
- Yellow (26%)
- Blue (51%)



- Cyan (87%)
- Magenta (20%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.1050, -11.4762, -15.9002 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 34.1050, -11.4762, -15.9002 by changing the saturation by 10% instead.

■ 34.1050, -11.4762,
-15.9002

■ 34.1050, -11.4762,
-15.9002

■ 142.1102,
-23.7070, -17.4276

■ 25.4825, -10.0090,
-15.4335

■ 53.6870, -14.2756,
-16.6603

■ 17.7411, -8.4596,
-14.9463

■ 64.5324, -15.6385,
-16.9443

■ 10.9963, -6.8051,
-14.5501

■ 76.0234, -16.9889,
-17.1653

■ 2.6305, -4.6033,
-36.3593

■ 88.1255, -18.3324,
-17.3260

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 100.8093,
-19.6733, -17.4297

0.0000, NaN, NaN

■ 114.0492,

0.0000, NaN, NaN

-21.0145, -17.4794

0.0000, NaN, NaN

127.8228,
-22.3584, -17.4778

■ 34.1050, -11.4762,
-15.9002

■ 34.1050, -11.4762,
-15.9002

■ 33.0861, -10.7797,
-17.6468

■ 35.2162, -11.8436,
-14.0638

■ 32.7762, -10.5505,
-18.1918

■ 36.4335, -11.8243,
-12.1254

■ 37.7593, -11.4155,
-10.0946

■ 39.1925, -10.6272,
-7.9849

■ 40.7306, -9.4777,
-5.8106

■ 42.3698, -7.9908,
-3.5851

■ 44.1055, -6.1930,
-1.3211

■ 45.9328, -4.1117,
0.9708

■ 47.8468, -1.7738,
3.2816

Harmonies

Analogous

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



34.1056, -16.7532, -6.6392



34.1050, -11.4762, -15.9002



34.1056, -3.1215, -20.4310

Triad

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



34.1056, -11.4760, -15.8996



34.1056, 18.3853, 0.5869



34.1056, -9.4393, 14.0845

Complementary

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



34.1050, -11.4762, -15.9002



25.5244, 26.4654, 14.9584

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.



34.1056, -0.5019, 15.0417



34.1050, -11.4762, -15.9002



34.1056, 16.2237, 8.6077

Square

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



34.1056, -11.4760, -15.8996



34.1056, 14.6649, -9.4010



34.1056, 9.0427, 13.3406



34.1056, -15.6708, 10.2367

Rectangle

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



34.1050, -11.4762, -15.9002



34.1056, 3.3269, -19.4509



34.1056, 9.0427, 13.3406



34.1056, -6.6818, 14.7005

Sweetspot

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



34.1056, -11.4760, -15.8996



56.2997, -10.5330, -4.6607



40.3092, -32.3561, 21.1195



26.4833, -5.3012, -2.6207



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



34.1056, -11.4760, -15.8996



43.2324, -13.6335, -24.6059



19.8235, 13.5731, -50.7128



21.7356, -2.1890, 0.2255



32.1108, -10.3539, -17.7846

0.0000, NaN, NaN

Inverse Universe

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



24.7924, 42.3297, -15.3031



31.5564, 59.1123, -18.9185



36.7687, 2.0366, 21.8364



20.9667, 1.2544, -0.0615



23.3140, 43.7214, -14.3569

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 34.1050, -11.4762, -15.9002 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 34.1050, -11.4762, -15.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

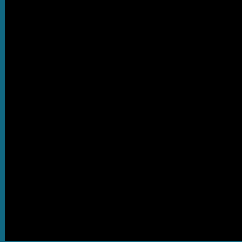
Any Text WCAG AA × Fail

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 34.1050, -11.4762, -15.9002 Background



This preview shows how black text looks on a background with the HunterLab color 34.1050, -11.4762, -15.9002.



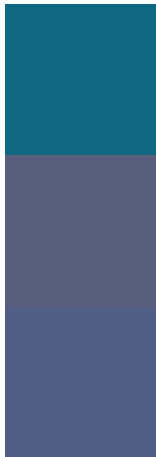
This preview shows how white text looks on a background with the HunterLab color 34.1050,

-11.4762, -15.9002.

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

34.1050, -11.4762, -15.9002

Protanopia

33.9266, 1.6724, -11.8132

Deuteranopia

33.9269, 2.3686, -17.2023



Tritanopia

33.9792, -16.1323, -7.6461

Trichromacy



Original Color

34.1050, -11.4762, -15.9002

Protanomaly

33.5646, -4.9180, -14.2709

Deuteranomaly

33.6212, -4.3226, -17.2249

Tritanomaly

33.9086, -14.5061, -10.4297

Monochromacy



Original Color

34.1050, -11.4762, -15.9002

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.9084, -7.1638, -5.0968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.1050, -11.4762, -15.9002 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(17, 104, 130)` looks like.

```
.text, #text, p{  
    color:rgb(17, 104, 130)  
}
```

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(17, 104, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 104, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 34.1050, -11.4762, -15.9002 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(17, 104, 130) }
```


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

```
.border{ border-color:rgb(17, 104, 130) }
```

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

Here you see how a box with a 4 pixel rgb(17, 104, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 104, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 104, 130);  
box-shadow:4px 4px 4px 4px rgb(17, 104,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.1050, -11.4762, -15.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 104, 130) }
```

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

```
.background{ background-color: rgb(17, 104,  
130) }
```

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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