

Converting Colors

HunterLab(41.9462, -11.7563,
-6.0722)

Have a look what the booklet for
HunterLab(41.9462, -11.7563,
-6.0722) contains.

HunterLab(42.0884, -11.8567, -6.0451)	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(42.0884,
-11.8567, -6.0451)**

Conversions

Conversions Part 1	
Format	Color
Hex	4D7C86
RGB	77, 124, 134
RGB Percent	30%, 49%, 53%
CMY	0.6980, 0.5137, 0.4745
CMYK	0.43, 0.07, 0.00, 0.47
HSL	191°, 27%, 41%
HSV	191°, 43%, 53%
XYZ	14.5713, 17.7143, 25.2055
YIQ	111.0870, -31.2220, -6.8540

Conversions

Conversions Part 2

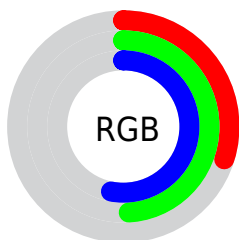
Format	Color
RYB	77, 103, 134
Decimal	5078150
CIELab	49.15, -13.21, -10.48
CIELCh	49, 16.859, 218.427
Yxy	17.7150, 0.2535, 0.3081
Android (android.graphics.Color)	4283268230 (0xFF4D7C86)
YUV	111.0870, 11.2961, -29.8943
Hunter-Lab	42.0884, -11.8567, -6.0451

Details

The HunterLab color **42.0884, -11.8567, -6.0451** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35.2432, 12.1672, 10.1171**, and the grayscale version is **39.8707, -2.1274, 2.1663**.

A 20% lighter version of the original color is **63.0074, -14.6631, -5.6718**, and **24.2465, -9.1761, -5.7301** is the 20% darker color. If you saturate the color by 10%, you get **40.7819, -13.1175, -7.8905**, and if you desaturate by 10%, it is **43.5055, -10.2214, -4.1088**.

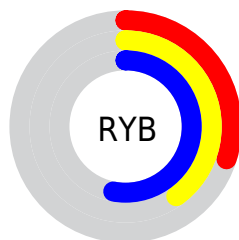
Distribution



Red (30%)

Green (49%)

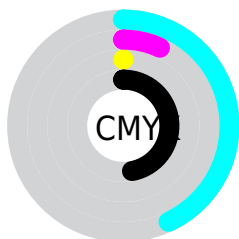
Blue (53%)



Red (30%)

Yellow (40%)

Blue (53%)

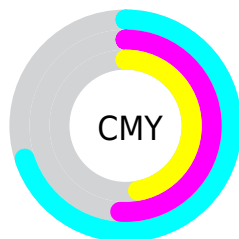


Cyan (43%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (70%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0884, -11.8567, -6.0451 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 42.0884, -11.8567, -6.0451 by changing the saturation by 10% instead.

42.0884, -11.8567,
-6.0451

42.0884, -11.8567,
-6.0451

154.6803,
-23.5050, -3.7805

32.7805, -10.5153,
-6.0111

62.8897, -14.4681,
-5.9052

24.2817, -9.1281,
-5.8988

74.2877, -15.7561,
-5.7453

16.6792, -7.6650,
-5.6988

86.3015, -17.0402,
-5.5319

10.0945, -6.3442,
-5.4086

98.9011, -18.3241,
-5.2688

0.0000, NaN, -NF

0.0000, NaN, NaN

112.0604,
-19.6106, -4.9595

0.0000, NaN, NaN

125.7565,

0.0000, NaN, NaN

-20.9019, -4.6067

0.0000, NaN, NaN

139.9692,
-22.1996, -4.2130

■ 42.0884, -11.8567,
-6.0451

■ 42.0884, -11.8567,
-6.0451

■ 40.7819, -13.1175,
-7.8905

■ 43.5055, -10.2214,
-4.1088

■ 39.5853, -13.9852,
-9.6343

■ 45.0278, -8.2339,
-2.0967

■ 38.4993, -14.4509,
-11.2646

■ 46.6523, -5.9210,
-0.0211

■ 37.5215, -14.5172,
-12.7735

■ 48.3746, -3.3110,
2.1064

■ 36.6459, -14.2029,
-14.1590

■ 50.1900, -0.4317,
4.2753

■ 36.0280, -13.8382,
-15.1592

■ 52.0935, 2.6898,
6.4765

■ 54.0805, 6.0280,
8.7025

■ 56.1461, 9.5595,
10.9468

■ 58.2857, 13.2631,
13.2044

Harmonies

Analogous

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



42.0892, -14.2298, 0.4582



42.0884, -11.8567, -6.0451



42.0892, -6.8732, -10.7485

Triad

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



42.0892, -11.8570, -6.0444



42.0892, 10.3925, -2.4602



42.0892, -4.1164, 12.6855

Complementary

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



42.0884, -11.8567, -6.0451



35.2432, 12.1672, 10.1171

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.



42.0892, 2.5859, 12.1544



42.0884, -11.8567, -6.0451



42.0892, 11.2449, 4.0449

Square

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



42.0892, -11.8570, -6.0444



42.0892, 6.0475, -8.4646



42.0892, 8.3087, 9.2078



42.0892, -9.9470, 10.7927

Rectangle

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



42.0884, -11.8567, -6.0451



42.0892, -2.6004, -11.8656



42.0892, 8.3087, 9.2078



42.0892, -1.8945, 12.7778

Sweetspot

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



42.0892, -11.8570, -6.0444



61.7579, -8.1039, -0.2373



43.9412, -22.9261, 14.6520



29.1120, -4.1397, -0.3670



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



42.0892, -11.8570, -6.0444



54.2011, -17.3527, -10.3748



34.1544, 0.5772, -18.0974



22.6796, -2.4302, 0.3365



34.8968, -13.4223, -14.6431



2.2635, -1.0596, -0.5419

Inverse Universe

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



34.3974, 23.4772, -11.2632



42.2922, 38.8056, -18.5377



42.2683, -0.9018, 16.1804



21.7926, 1.3736, -0.2101



24.1170, 45.7233, -18.6961



1.4513, 2.8029, -1.5234

Previews

White Background



This preview shows how the HunterLab color 42.0884, -11.8567, -6.0451 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 42.0884, -11.8567, -6.0451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

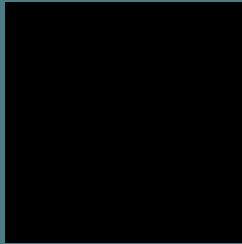
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.0884, -11.8567, -6.0451 Background



This preview shows how black text looks on a background with the HunterLab color 42.0884, -11.8567, -6.0451.



This preview shows how white text looks on a background with the HunterLab color 42.0884, -11.8567, -6.0451.

-11.8567, -6.0451.

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

42.0884, -11.8567, -6.0451

Protanopia

42.0958, -0.4031, -3.3198

Deuteranopia

42.0283, 2.6122, -6.9158



Tritanopia

42.0884, -11.8567, -6.0451

Trichromacy

	Original Color 42.0884, -11.8567, -6.0451
	Protanomaly 41.9512, -5.0786, -4.5863
	Deuteranomaly 41.9401, -3.4035, -6.6203
	Tritanomaly 42.0884, -11.8567, -6.0451

Monochromacy

	Original Color 42.0884, -11.8567, -6.0451
	Achromatopsia 39.8699, -2.1274, 2.1662
	Achromatomaly 40.5898, -6.2954, -0.5924

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0884, -11.8567, -6.0451 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(77, 124, 134)` looks like.

```
.text, #text, p{  
    color:rgb(77, 124, 134)  
}
```

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(77, 124, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 124, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0884, -11.8567, -6.0451 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(77, 124, 134) }
```


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

```
.border{ border-color:rgb(77, 124, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 124, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 124, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 124, 134);  
box-shadow:4px 4px 4px 4px rgb(77, 124,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0884, -11.8567, -6.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 124, 134) }
```

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

```
.background{ background-color: rgb(77, 124,  
134) }
```

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