

Converting Colors

HunterLab(40.5642, -11.3364,
-5.1193)

Have a look what the booklet for
HunterLab(40.5642, -11.3364,
-5.1193) contains.

HunterLab(40.6546, -11.4624, -4.9327)	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(40.6546,
-11.4624, -4.9327)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7880
RGB	76, 120, 128
RGB Percent	30%, 47%, 50%
CMY	0.7020, 0.5294, 0.4980
CMYK	0.41, 0.06, 0.00, 0.50
HSL	189°, 25%, 40%
HSV	189°, 41%, 50%
XYZ	13.5932, 16.5280, 22.8958
YIQ	107.7560, -28.7920, -6.8400

Conversions

Conversions Part 2

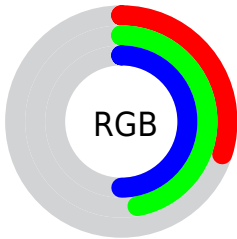
Format	Color
R_{YB}	76, 100, 128
Decimal	5011584
CIE _{Lab}	47.66, -12.92, -9.17
CIE _{LCh}	48, 15.845, 215.373
Yxy	16.5286, 0.2564, 0.3118
Android (android.graphics.Color)	4283201664 (0xFF4C7880)
YUV	107.7560, 9.9803, -27.8500
Hunter-Lab	40.6546, -11.4624, -4.9327

Details

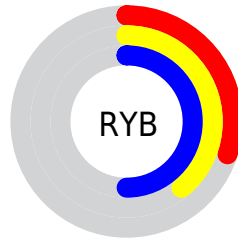
The HunterLab color $40.6546, -11.4624, -4.9327$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.8406, 11.3399, 9.0707$, and the grayscale version is $38.6036, -2.0598, 2.0974$.

A 20% lighter version of the original color is $61.1173, -13.9472, -4.9930$, and $22.9732, -8.6150, -5.0857$ is the 20% darker color. If you saturate the color by 10%, you get $39.4800, -12.8383, -6.5671$, and if you desaturate by 10%, it is $41.9340, -9.7334, -3.2058$.

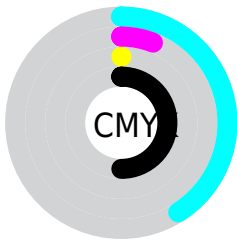
Distribution



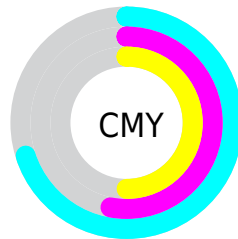
- Red (30%)
- Green (47%)
- Blue (50%)



- Red (30%)
- Yellow (39%)
- Blue (50%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6546, -11.4624, -4.9327 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 40.6546, -11.4624, -4.9327 by changing the saturation by 10% instead.

40.6546, -11.4624,
-4.9327

40.6546, -11.4624,
-4.9327

152.4602,
-22.9864, -2.2818

31.4626, -10.1351,
-4.9471

61.2483, -14.0449,
-4.6989

23.0912, -8.7606,
-4.8831

72.5517, -15.3185,
-4.4938

15.6313, -7.3073,
-4.7297

84.4759, -16.5884,
-4.2363

9.2090, -6.6051,
-4.4849

96.9901, -17.8584,
-3.9305

0.0000, NaN, -NF

0.0000, NaN, NaN

110.0676,
-19.1313, -3.5795

0.0000, NaN, NaN

123.6852,

0.0000, NaN, NaN

-20.4092, -3.1862

0.0000, NaN, NaN

137.8222,
-21.6939, -2.7529

■ 40.6546, -11.4624,
-4.9327

■ 40.6546, -11.4624,
-4.9327

■ 39.4800, -12.8383,
-6.5671

■ 41.9340, -9.7334,
-3.2058

■ 38.4090, -13.8436,
-8.0998

■ 43.3133, -7.6718,
-1.4002

■ 37.4423, -14.4699,
-9.5204

■ 44.7900, -5.3029,
0.4728

■ 36.5773, -14.7190,
-10.8226

■ 46.3602, -2.6530,
2.4024

■ 35.8087, -14.6068,
-12.0048

■ 48.0196, 0.2514,
4.3783

■ 35.1418, -14.3012,
-13.0520

■ 49.7637, 3.3846,
6.3916

■ 51.5882, 6.7225,
8.4348

■ 53.4886, 10.2426,
10.5014

■ 55.4606, 13.9246,
12.5858

Harmonies

Analogous

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



40.6554, -13.3967, 1.1343



40.6546, -11.4624, -4.9327



40.6554, -7.0317, -9.5346

Triad

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



40.6554, -11.4628, -4.9321



40.6554, 9.2703, -2.8141



40.6554, -3.2842, 11.9808

Complementary

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



40.6546, -11.4624, -4.9327



33.8406, 11.3399, 9.0707

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.



40.6554, 2.9284, 11.2488



40.6546, -11.4624, -4.9327



40.6554, 10.4215, 3.2629

Square

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



40.6554, -11.4628, -4.9321



40.6554, 4.9792, -8.1888



40.6554, 8.0373, 8.2583



40.6554, -8.8597, 10.4329

Rectangle

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



40.6546, -11.4624, -4.9327



40.6554, -3.1309, -10.8245



40.6554, 8.0373, 8.2583



40.6554, -1.2030, 11.9903

Sweetspot

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



40.6554, -11.4628, -4.9321



59.0989, -7.5824, 0.2112



41.9668, -21.1578, 13.6970



28.4957, -3.8324, -0.0239



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.



40.6554, -11.4628, -4.9321



52.4597, -16.9559, -8.6093



33.3713, -0.1093, -15.7225



21.8581, -2.3863, 0.3711



34.9954, -14.2437, -12.9932

0.0000, NaN, NaN

Inverse Universe

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



33.3385, 21.3121, -10.6865



41.0025, 35.5845, -17.8509



40.2742, -0.6239, 14.7394



20.9795, 1.3233, -0.2441

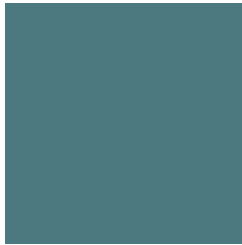


23.7294, 45.1898, -19.9570

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.6546, -11.4624, -4.9327 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 40.6546, -11.4624, -4.9327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

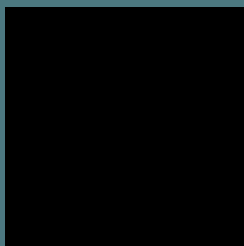
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

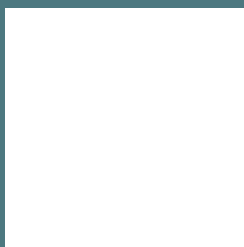
Any Text WCAG AAA × Fail

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

HunterLab 40.6546, -11.4624, -4.9327 Background



This preview shows how black text looks on a background with the HunterLab color 40.6546, -11.4624, -4.9327.



This preview shows how white text looks on a background with the HunterLab color 40.6546,

-11.4624, -4.9327.

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

40.6546, -11.4624, -4.9327

Protanopia

40.5748, -0.3912, -2.3871

Deuteranopia

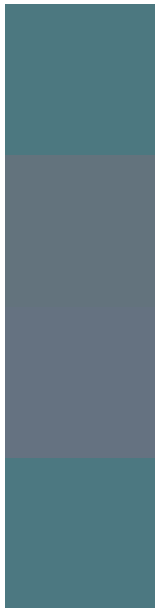
40.5073, 2.5944, -5.9059



Tritanopia

40.6871, -11.2768, -5.3910

Trichromacy



Original Color

40.6546, -11.4624, -4.9327

Protanomaly

40.4905, -4.8287, -3.5448

Deuteranomaly

40.4800, -3.1679, -5.5315

Tritanomaly

40.6871, -11.2768, -5.3910

Monochromacy



Original Color

40.6546, -11.4624, -4.9327

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.1318, -5.9306, -0.5660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6546, -11.4624, -4.9327 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(76, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(76, 120, 128)  
}
```

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(76, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 120, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6546, -11.4624, -4.9327 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(76, 120, 128) }
```


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

```
.border{ border-color:rgb(76, 120, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 120, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 120, 128);  
box-shadow:4px 4px 4px 4px rgb(76, 120,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6546, -11.4624, -4.9327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 120, 128) }
```

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

```
.background{ background-color: rgb(76, 120,  
128) }
```

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