

Converting Colors

HunterLab(40.8308, -11.5429,
-2.6333)

Have a look what the booklet for
HunterLab(40.8308, -11.5429,
-2.6333) contains.

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Color

**HunterLab(40.7353,
-11.4170, -2.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	50787C
RGB	80, 120, 124
RGB Percent	31%, 47%, 49%
CMY	0.6863, 0.5294, 0.5137
CMYK	0.35, 0.03, 0.00, 0.51
HSL	185°, 22%, 40%
HSV	185°, 35%, 49%
XYZ	13.6628, 16.5936, 21.5516
YIQ	108.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

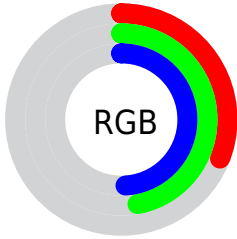
Format	Color
R_{YB}	80, 101, 124
Decimal	5273724
CIE _{Lab}	47.74, -12.84, -6.65
CIE _{LCh}	48, 14.459, 207.393
Yxy	16.5943, 0.2637, 0.3203
Android (android.graphics.Color)	4283463804 (0xFF50787C)
YUV	108.4960, 7.6435, -24.9910
Hunter-Lab	40.7353, -11.4170, -2.8535

Details

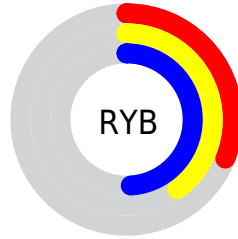
The HunterLab color $40.7353, -11.4170, -2.8535$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.4740, 10.3735, 7.3649$, and the grayscale version is $38.8930, -2.0752, 2.1131$.

A 20% lighter version of the original color is $61.2086, -13.9434, -2.3145$, and $23.0343, -8.6284, -3.0915$ is the 20% darker color. If you saturate the color by 10%, you get $39.7919, -13.2202, -4.1248$, and if you desaturate by 10%, it is $41.7822, -9.2709, -1.4759$.

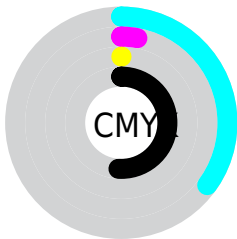
Distribution



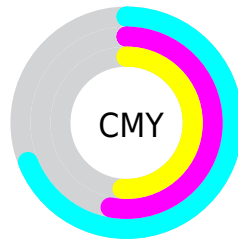
- Red (31%)
- Green (47%)
- Blue (49%)



- Red (31%)
- Yellow (40%)
- Blue (49%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7353, -11.4170, -2.8535 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 40.7353, -11.4170, -2.8535 by changing the saturation by 10% instead.

40.7353, -11.4170,
-2.8535

40.7353, -11.4170,
-2.8535

152.5856,
-22.9047, 0.7017

31.5368, -10.0956,
-2.9905

61.3408, -13.9895,
-2.3906

23.1580, -8.7278,
-3.0545

72.6496, -15.2587,
-2.0782

15.6900, -7.2825,
-3.0328

84.5789, -16.5244,
-1.7176

9.2595, -6.5358,
-2.9124

97.0979, -17.7905,
-1.3125

0.0000, NaN, -NF

0.0000, NaN, NaN

110.1801,
-19.0597, -0.8657

0.0000, NaN, NaN

123.8021,

0.0000, NaN, NaN

-20.3341, -0.3797

0.0000, NaN, NaN

137.9434,
-21.6154, 0.1434

■ 40.7353, -11.4170,
-2.8535

■ 40.7353, -11.4170,
-2.8535

■ 39.7919, -13.2202,
-4.1248

■ 41.7822, -9.2709,
-1.4759

■ 38.9498, -14.6641,
-5.2833

■ 42.9285, -6.8010,
-0.0036

■ 38.2088, -15.7412,
-6.3217

■ 44.1728, -4.0317,
1.5534

■ 37.5659, -16.4530,
-7.2367

■ 45.5117, -0.9888,
3.1847

■ 37.0157, -16.8127,
-8.0294

■ 46.9417, 2.3013,
4.8802

■ 36.5451, -16.8672,
-8.7136

■ 48.4589, 5.8126,
6.6307

■ 36.3397, -16.8649,
-9.0150

■ 50.0591, 9.5206,
8.4274

■ 51.7381, 13.4021,
10.2629

■ 53.4917, 17.4361,
12.1305

Harmonies

Analogous

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



40.7361, -12.5122, 2.6866



40.7353, -11.4170, -2.8535



40.7361, -7.8900, -7.5305

Triad

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



40.7361, -11.4174, -2.8529



40.7361, 7.4287, -3.7814



40.7361, -1.6784, 11.2827

Complementary

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



40.7353, -11.4170, -2.8535



33.4740, 10.3735, 7.3649

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.



40.7361, 3.8719, 10.0274



40.7353, -11.4170, -2.8535



40.7361, 9.3066, 1.7425

Square

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



40.7361, -11.4174, -2.8529



40.7361, 2.9667, -8.1161



40.7361, 7.9711, 6.7095



40.7361, -7.0752, 10.3981

Rectangle

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



40.7353, -11.4170, -2.8535



40.7361, -4.5298, -9.2675



40.7361, 7.9711, 6.7095



40.7361, 0.2330, 11.1014

Sweetspot

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



40.7361, -11.4174, -2.8529



57.6281, -7.5174, 0.8543



40.9341, -18.8555, 12.8430



27.8807, -3.8394, 0.3063



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.7361, -11.4174, -2.8529



52.9607, -17.2169, -5.2342



34.5817, -1.9554, -11.4189



21.1025, -2.4395, 0.4769



36.6371, -17.0008, -9.0933



79.6095, -36.6195, -20.4539

Inverse Universe

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



33.7326, 18.0744, -10.1312



41.7928, 30.5700, -17.3144



38.8640, 0.3319, 12.3749



20.1781, 1.3077, -0.3686



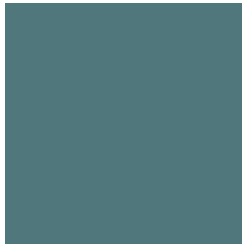
23.5837, 45.5000, -24.3901



51.4442, 99.1513, -52.4274

Previews

White Background



This preview shows how the HunterLab color 40.7353, -11.4170, -2.8535 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 40.7353, -11.4170, -2.8535 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 40.7353, -11.4170, -2.8535 Background



This preview shows how black text looks on a background with the HunterLab color 40.7353, -11.4170, -2.8535.



This preview shows how white text looks on a background with the HunterLab color 40.7353,

-11.4170, -2.8535.

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

40.7353, -11.4170, -2.8535

Protanopia

40.5351, -0.7697, -0.5638

Deuteranopia

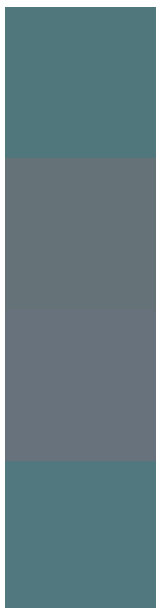
40.6322, 2.7544, -3.7168



Tritanopia

40.6546, -9.8845, -5.4109

Trichromacy



Original Color

40.7353, -11.4170, -2.8535

Protanomaly

40.5076, -5.0154, -1.6039

Deuteranomaly

40.5689, -3.1140, -3.4115

Tritanomaly

40.5898, -10.2523, -4.4974

Monochromacy



Original Color

40.7353, -11.4170, -2.8535

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.2427, -5.5926, 0.0311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7353, -11.4170, -2.8535 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(80, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(80, 120, 124)  
}
```

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(80, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 120, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7353, -11.4170, -2.8535 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(80, 120, 124) }
```


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

```
.border{ border-color:rgb(80, 120, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 120, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(80, 120,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7353, -11.4170, -2.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 120, 124) }
```

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

```
.background{ background-color: rgb(80, 120,  
124) }
```

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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