

Converting Colors

HunterLab(40.4558, -11.2942,
-0.5938)

Have a look what the booklet for
HunterLab(40.4558, -11.2942,
-0.5938) contains.

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Color

**HunterLab(40.4236,
-11.4197, -0.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	537776
RGB	83, 119, 118
RGB Percent	33%, 47%, 46%
CMY	0.6745, 0.5333, 0.5373
CMYK	0.30, 0.00, 0.01, 0.53
HSL	178°, 18%, 40%
HSV	178°, 30%, 47%
XYZ	13.4341, 16.3407, 19.5856
YIQ	108.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

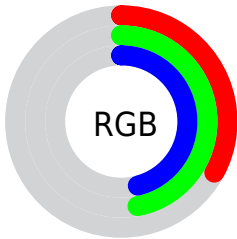
Format	Color
R_{YB}	83, 101, 119
Decimal	5470070
CIE _{Lab}	47.42, -12.90, -3.56
CIE _{LCh}	47, 13.385, 195.407
Yxy	16.3413, 0.2722, 0.3311
Android (android.graphics.Color)	4283660150 (0xFF537776)
YUV	108.1220, 4.8699, -22.0320
Hunter-Lab	40.4236, -11.4197, -0.4300

Details

The HunterLab color $40.4236, -11.4197, -0.4300$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $32.7857, 9.6017, 5.2013$, and the grayscale version is $38.7597, -2.0681, 2.1059$.

A 20% lighter version of the original color is $60.9068, -13.8298, 0.2677$, and $22.7593, -8.5448, -1.2203$ is the 20% darker color. If you saturate the color by 10%, you get $39.7968, -13.7867, -1.1007$, and if you desaturate by 10%, it is $41.1555, -8.7163, 0.3662$.

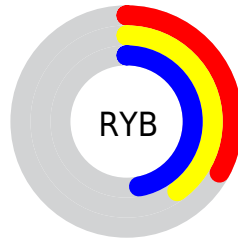
Distribution



Red (33%)

Green (47%)

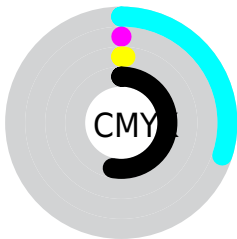
Blue (46%)



Red (33%)

Yellow (40%)

Blue (47%)

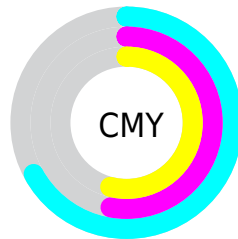


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4236, -11.4197, -0.4300 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 40.4236, -11.4197, -0.4300 by changing the saturation by 10% instead.

■ 40.4236, -11.4197,
-0.4300

■ 40.4236, -11.4197,
-0.4300

152.1011,
-22.9372, 4.2657

■ 31.2506, -10.0927,
-0.7271

■ 60.9834, -14.0012,
0.3266

■ 22.9000, -8.7180,
-0.9619

■ 72.2715, -15.2742,
0.7750

■ 15.4634, -7.2636,
-1.1230

■ 84.1811, -16.5433,
1.2656

■ 9.0628, -6.6883,
-1.2067

■ 96.6813, -17.8125,
1.7954

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.7455,
-19.0846, 2.3622

0.0000, NaN, NaN

123.3503,

0.0000, NaN, NaN

-20.3617, 2.9639

0.0000, NaN, NaN

137.4750,
-21.6455, 3.5989

■ 40.4236, -11.4197,
-0.4300

■ 40.4236, -11.4197,
-0.4300

■ 39.7968, -13.7867,
-1.1007

■ 41.1555, -8.7163,
0.3662

■ 39.2715, -15.8020,
-1.6442

■ 41.9900, -5.6945,
1.2805

■ 38.8462, -17.4599,
-2.0591

■ 42.9266, -2.3790,
2.3064

■ 38.5167, -18.7628,
-2.3480

■ 43.9632, 1.2037,
3.4354

■ 38.2771, -19.7237,
-2.5164

■ 45.0969, 5.0256,
4.6584

■ 38.1193, -20.3671,
-2.5741

■ 46.3245, 9.0587,
5.9661

■ 38.0106, -20.8182,
-2.5693

■ 47.6423, 13.2759,
7.3495

■ 49.0461, 17.6518,
8.7998

■ 50.5319, 22.1630,
10.3086

Harmonies

Analogous

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



40.4244, -11.4538, 4.5413



40.4236, -11.4197, -0.4300



40.4244, -8.9916, -5.2363

Triad

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



40.4244, -11.4202, -0.4294



40.4244, 5.2681, -5.1226



40.4244, 0.4106, 10.4195

Complementary

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



40.4236, -11.4197, -0.4300



32.7857, 9.6017, 5.2013

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.



40.4244, 5.1597, 8.4473



40.4236, -11.4197, -0.4300



40.4244, 8.0596, -0.2894

Square

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



40.4244, -11.4202, -0.4294



40.4244, 0.5524, -8.1719



40.4244, 8.0189, 4.6646



40.4244, -4.8010, 10.3921

Rectangle

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



40.4236, -11.4197, -0.4300



40.4244, -6.2669, -7.5197



40.4244, 8.0189, 4.6646



40.4244, 2.1195, 9.9806

Sweetspot

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



40.4244, -11.4202, -0.4294



56.3110, -7.1835, 1.8474



39.6395, -16.0854, 11.9031



27.3427, -3.7491, 0.8221



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.4244, -11.4202, -0.4294



53.5190, -17.4433, -1.1919



35.6561, -3.9832, -7.1209



20.3804, -2.5666, 0.6782



39.1782, -21.4597, -2.6440



86.4737, -47.4488, -5.6563

Inverse Universe

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



32.7857, 9.6017, 5.2013



41.2231, 16.5919, 7.9436



36.9094, 1.7010, 9.6268



19.2415, 0.5374, 1.5067



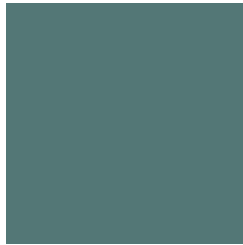
20.4311, 35.0254, 12.9190



45.0786, 77.2322, 28.8667

Previews

White Background



This preview shows how the HunterLab color 40.4236, -11.4197, -0.4300 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 40.4236, -11.4197, -0.4300 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

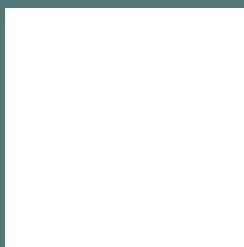
Any Text WCAG AAA × Fail

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

HunterLab 40.4236, -11.4197, -0.4300 Background



This preview shows how black text looks on a background with the HunterLab color 40.4236, -11.4197, -0.4300.



This preview shows how white text looks on a background with the HunterLab color 40.4236,

-11.4197, -0.4300.

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

40.4236, -11.4197, -0.4300

Protanopia

40.4730, -1.2728, 1.5960

Deuteranopia

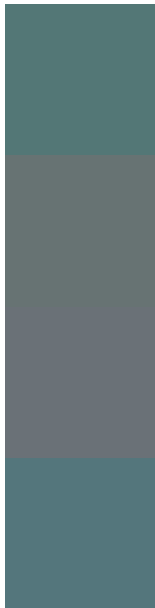
40.2682, 2.5232, -1.3059



Tritanopia

40.5222, -8.9993, -4.5661

Trichromacy



Original Color

40.4236, -11.4197, -0.4300

Protanomaly

40.4757, -5.4810, 1.0860

Deuteranomaly

40.2571, -3.1473, -0.9530

Tritanomaly

40.3694, -9.7484, -3.3012

Monochromacy



Original Color

40.4236, -11.4197, -0.4300

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.2566, -5.6577, 0.9387

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4236, -11.4197, -0.4300 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(83, 119, 118)` looks like.

```
.text, #text, p{  
    color:rgb(83, 119, 118)  
}
```

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(83, 119, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 119, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4236, -11.4197, -0.4300 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(83, 119, 118) }
```


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

```
.border{ border-color:rgb(83, 119, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 119, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 119, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 119, 118);  
box-shadow:4px 4px 4px 4px rgb(83, 119,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4236, -11.4197, -0.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 119, 118) }
```

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

```
.background{ background-color: rgb(83, 119,  
118) }
```

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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