

Converting Colors

HunterLab(37.8361, -0.2157,
-19.6778)

Have a look what the booklet for
HunterLab(37.8361, -0.2157,
-19.6778) contains.

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Color

**HunterLab(37.7540, 0.0643,
-20.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	536A93
RGB	83, 106, 147
RGB Percent	33%, 42%, 58%
CMY	0.6745, 0.5843, 0.4235
CMYK	0.44, 0.28, 0.00, 0.42
HSL	218°, 28%, 45%
HSV	218°, 44%, 58%
XYZ	13.9878, 14.2536, 29.6178
YIQ	103.7970, -26.8690, 7.8750

Conversions

Conversions Part 2

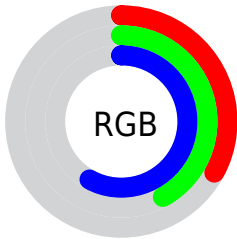
Format	Color
R_{YB}	83, 100, 147
Decimal	5466771
CIE _{Lab}	44.60, 2.80, -25.11
CIE _{LCh}	45, 25.268, 276.357
Y _{xy}	14.2542, 0.2418, 0.2464
Android (android.graphics.Color)	4283656851 (0xFF536A93)
YUV	103.7970, 21.2991, -18.2390
Hunter-Lab	37.7540, 0.0643, -20.0848

Details

The HunterLab color $37.7540, 0.0643, -20.0848$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $46.0905, -0.0961, 17.8711$, and the grayscale version is $37.0597, -1.9774, 2.0135$.

A 20% lighter version of the original color is $57.8635, -0.7222, -20.9780$, and $20.6870, 0.6500, -18.9580$ is the 20% darker color. If you saturate the color by 10%, you get $34.3792, 1.6638, -26.3922$, and if you desaturate by 10%, it is $41.2844, -1.1229, -14.2235$.

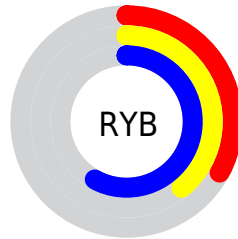
Distribution



Red (33%)

Green (42%)

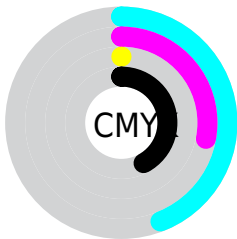
Blue (58%)



Red (33%)

Yellow (39%)

Blue (58%)

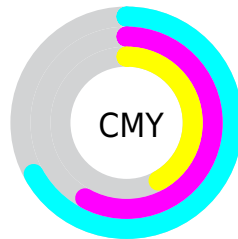


Cyan (44%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7540, 0.0643, -20.0848 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 37.7540, 0.0643, -20.0848 by changing the saturation by 10% instead.

■ 37.7540, 0.0643,
-20.0848

■ 37.7540, 0.0643,
-20.0848

■ 147.9211, -4.6414,
-22.4223

■ 28.8057, 0.3667,
-19.5593

■ 57.9132, -0.7000,
-21.0014

■ 20.7027, 0.6062,
-19.0378

■ 69.0194, -1.1513,
-21.3740

■ 13.5455, 0.7705,
-18.6406

■ 80.7568, -1.6438,
-21.6870

■ 7.1325, 1.3284,
-20.2128

■ 93.0932, -2.1748,
-21.9417

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.0006, -2.7419,
-22.1402

0.0000, NaN, NaN

119.4550, -3.3431,

0.0000, NaN, NaN

-22.2849

0.0000, NaN, NaN

133.4348, -3.9768,
-22.3782

■ 37.7540, 0.0643,
-20.0848

■ 37.7540, 0.0643,
-20.0848

■ 34.3792, 1.6638,
-26.3922

■ 41.2844, -1.1229,
-14.2235

■ 31.1824, 3.7527,
-33.2059

■ 44.9485, -1.9642,
-8.7489

■ 28.1946, 6.4113,
-40.5624

■ 48.7308, -2.5160,
-3.6017

■ 25.4517, 9.7095,
-48.4506

■ 52.6184, -2.8242,
1.2697

■ 22.9939, 13.6750,
-56.7692

■ 56.6005, -2.9265,
5.9100

■ 21.5341, 16.4586,
-62.4451

■ 60.6683, -2.8534,
10.3567

■ 64.8145, -2.6300,
14.6412

■ 69.0328, -2.2767,
18.7897

■ 73.3181, -1.8101,
22.8241

Harmonies

Analogous

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



37.7547, -9.1863, -17.9995



37.7540, 0.0643, -20.0848



37.7547, 9.6484, -15.1410

Triad

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



37.7547, 0.0642, -20.0840



37.7547, 14.1518, 11.1076



37.7547, -17.5819, 8.4815

Complementary

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



37.7540, 0.0643, -20.0848



46.0905, -0.0961, 17.8711

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.



37.7547, -12.4174, 13.7032



37.7540, 0.0643, -20.0848



37.7547, 5.7318, 14.9311

Square

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



37.7547, 0.0642, -20.0840



37.7547, 18.2930, 3.9613



37.7547, -4.0531, 15.7447



37.7547, -18.7731, 0.0439

Rectangle

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



37.7540, 0.0643, -20.0848



37.7547, 14.7402, -9.1138



37.7547, -4.0531, 15.7447



37.7547, -16.2802, 10.5984

Sweetspot

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



37.7547, 0.0642, -20.0840



65.3507, -3.3820, -4.6404



49.1429, -22.0357, 7.0754



30.7234, -1.5582, -2.8732



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



37.7547, 0.0642, -20.0840



46.2127, 2.1130, -34.9105



32.4731, 13.1327, -30.1603



24.4004, -1.2959, -0.7079



20.1588, 15.0565, -57.6993



3.1926, -0.2381, -3.4764

Inverse Universe

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



36.6479, 22.2126, 0.9101



45.0277, 37.0549, 1.7126



51.8994, -13.2528, 22.3985



24.1822, 1.0974, 1.0310



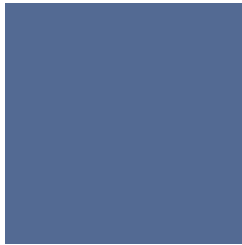
23.6719, 41.4930, 7.8997



2.7176, 4.9496, -0.5353

Previews

White Background



This preview shows how the HunterLab color 37.7540, 0.0643, -20.0848 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 37.7540, 0.0643, -20.0848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

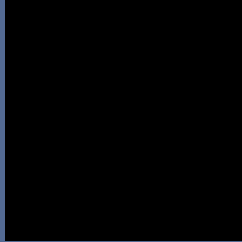
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

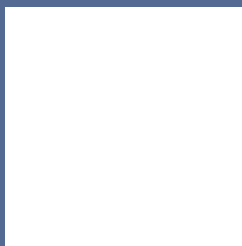
Any Text WCAG AAA × Fail

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

HunterLab 37.7540, 0.0643, -20.0848 Background



This preview shows how black text looks on a background with the HunterLab color 37.7540, 0.0643, -20.0848.



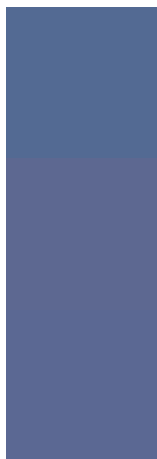
This preview shows how white text looks on a background with the HunterLab color 37.7540, 0.0643, -20.0848.

-20.0848.

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

37.7540, 0.0643, -20.0848

Protanopia

37.7785, 2.7550, -18.7144

Deuteranopia

37.7245, 2.7389, -20.0901



Tritanopia

37.7643, -9.1070, -4.7870

Trichromacy



Original Color

37.7540, 0.0643, -20.0848

Protanomaly

37.8184, 1.5945, -19.3023

Deuteranomaly

37.7948, 1.5972, -19.9861

Tritanomaly

37.6978, -5.7305, -10.0866

Monochromacy



Original Color

37.7540, 0.0643, -20.0848

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.3444, -1.9452, -5.2342

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7540, 0.0643, -20.0848 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, 106, 147)` looks like.

```
.text, #text, p{  
    color:rgb(83, 106, 147)  
}
```

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, 106, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 106, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7540, 0.0643, -20.0848 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, 106, 147) }
```


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

```
.border{ border-color:rgb(83, 106, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 106, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 106, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 106, 147);  
box-shadow:4px 4px 4px 4px rgb(83, 106,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7540, 0.0643, -20.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 106, 147) }
```

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

```
.background{ background-color: rgb(83, 106,  
147) }
```

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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