

Converting Colors

HunterLab(18.0142, -1.6476,
0.5450)

Have a look what the booklet for
HunterLab(18.0142, -1.6476, 0.5450)
contains.

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Color

**HunterLab(18.0110, -1.5636,
0.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	303334
RGB	48, 51, 52
RGB Percent	19%, 20%, 20%
CMY	0.8118, 0.8000, 0.7961
CMYK	0.08, 0.02, 0.00, 0.80
HSL	195°, 4%, 20%
HSV	195°, 8%, 20%
XYZ	3.0226, 3.2440, 3.7157
YIQ	50.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

Format	Color
RYB	48, 50, 52
Decimal	3158836
CIELab	21.00, -1.05, -1.09
CIElCh	21, 1.513, 225.848
Yxy	3.2441, 0.3028, 0.3250
Android (android.graphics.Color)	4281348916 (0xFF303334)
YUV	50.2170, 0.8790, -1.9443
Hunter-Lab	18.0110, -1.5636, 0.3762

Details

The HunterLab color **18.0110, -1.5636, 0.3762** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7203, -0.3072, 1.5575**, and the grayscale version is **17.9301, -0.9567, 0.9742**.

A 20% lighter version of the original color is **34.3670, -2.5135, 1.1976**, and **3.4884, -1.6457, -0.8077** is the 20% darker color. If you saturate the color by 10%, you get **17.3582, -2.2449, -0.4404**, and if you desaturate by 10%, it is **18.6899, -0.8080, 1.1961**.

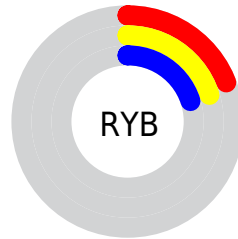
Distribution



Red (19%)

Green (20%)

Blue (20%)



Red (19%)

Yellow (20%)

Blue (20%)



Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (80%)



Cyan (81%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0110, -1.5636, 0.3762 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 18.0110, -1.5636, 0.3762 by changing the saturation by 10% instead.

■ 18.0110, -1.5636,
0.3762

■ 18.0110, -1.5636,
0.3762

■ 114.5509, -7.2388,
5.1298

■ 11.2270, -1.1126,
0.0920

■ 34.4414, -2.5885,
1.1296

■ 3.3208, -1.5605,
-1.1745

■ 43.8922, -3.1568,
1.5826

0.0000, NaN, NaN

■ 54.0774, -3.7597,
2.0800

0.0000, NaN, NaN

■ 64.9475, -4.3955,
2.6182

0.0000, NaN, NaN

■ 76.4618, -5.0626,
3.1944

0.0000, NaN, NaN

■ 88.5860, -5.7596,

0.0000, NaN, NaN

3.8063

0.0000, NaN, NaN

101.2908, -6.4854,
4.4520

■ 18.0110, -1.5636,
0.3762

■ 18.0110, -1.5636,
0.3762

■ 17.3582, -2.2449,
-0.4404

■ 18.6899, -0.8080,
1.1961

■ 16.7317, -2.8439,
-1.2523

■ 19.3925, 0.0163,
2.0169

■ 16.1334, -3.3536,
-2.0569

■ 20.1179, 0.9027,
2.8375

■ 15.5645, -3.7669,
-2.8511

■ 20.8647, 1.8455,
3.6569

■ 15.0262, -4.0769,
-3.6316

■ 21.6318, 2.8395,
4.4744

■ 14.5196, -4.2774,
-4.3946

■ 22.4181, 3.8800,
5.2894

■ 14.0454, -4.3639,
-5.1362

■ 23.2225, 4.9628,
6.1017

■ 13.5951, -4.3664,
-5.8679

■ 24.0441, 6.0839,
6.9111

■ 13.1424, -4.3832,
-6.6352

■ 24.8820, 7.2402,
7.7173

Harmonies

Analogous

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



18.0114, -1.7913, 0.7530



18.0110, -1.5636, 0.3762



18.0114, -1.1742, 0.1594

Triad

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



18.0114, -1.5640, 0.3765



18.0114, -0.1107, 0.7769



18.0114, -1.1990, 1.7585

Complementary

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



18.0110, -1.5636, 0.3762



17.7203, -0.3072, 1.5575

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.



18.0114, -0.7488, 1.7645



18.0110, -1.5636, 0.3762



18.0114, -0.1175, 1.2049

Square

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



18.0114, -1.5640, 0.3765



18.0114, -0.3336, 0.3944



18.0114, -0.3520, 1.5641



18.0114, -1.5819, 1.5474

Rectangle

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



18.0110, -1.5636, 0.3762



18.0114, -0.8733, 0.1376



18.0114, -0.3520, 1.5641



18.0114, -1.0506, 1.7844

Sweetspot

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



18.0114, -1.5640, 0.3765



24.1529, -1.5116, 1.0953



18.1813, -2.3646, 1.7100



13.0982, -0.8034, 0.6101



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.0114, -1.5640, 0.3765



23.5022, -2.2231, 0.3009



17.5459, -0.7965, -0.1807



9.7126, -0.8643, 0.1813



21.7591, -6.7556, -12.6136



55.7245, -15.7720, -35.6036

Inverse Universe

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



17.5586, 0.4894, 0.2519



22.7714, 1.1014, 0.1007



18.1806, -1.0790, 2.0646



9.4525, 0.3166, 0.1098



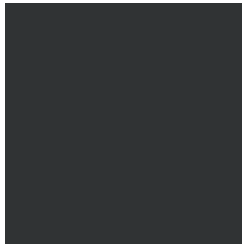
15.9404, 29.8373, -9.3809



41.6458, 77.6355, -22.0480

Previews

White Background



This preview shows how the HunterLab color 18.0110, -1.5636, 0.3762 looks on a white background.

Color Contrast Check

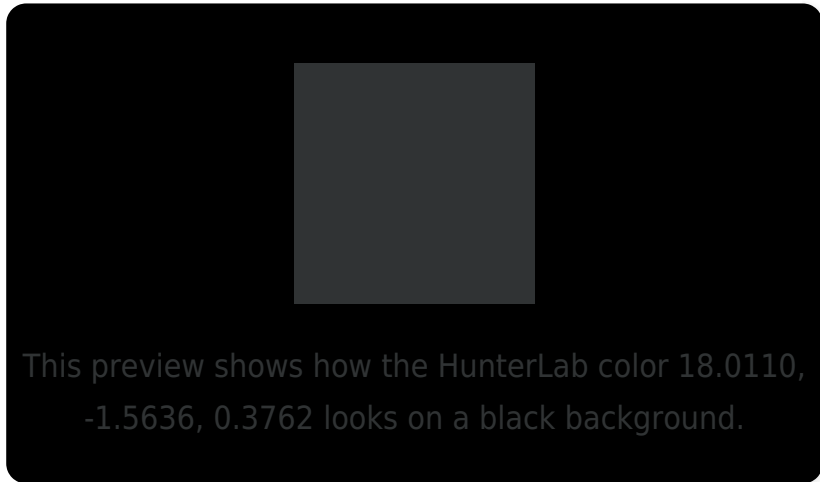
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

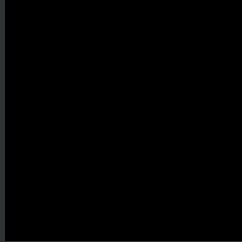
Any Text WCAG AA × Fail

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 18.0110, -1.5636, 0.3762 Background



This preview shows how black text looks on a background with the HunterLab color 18.0110, -1.5636, 0.3762.



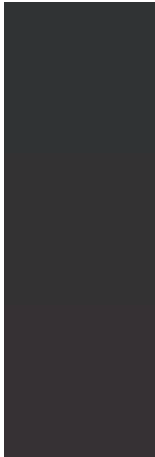
This preview shows how white text looks on a background with the HunterLab color 18.0110, -1.5636,

0.3762.

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

18.0110, -1.5636, 0.3762

Protanopia

17.9556, -0.5709, 0.7123

Deuteranopia

17.9689, 0.7346, 0.3655



Tritanopia

18.0883, -1.1385, -0.7214

Trichromacy



Original Color

18.0110, -1.5636, 0.3762

Protanomaly

17.8839, -0.8193, 0.6223

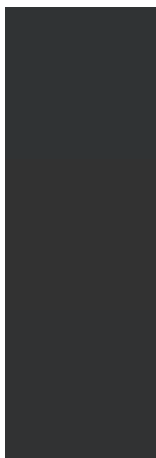
Deuteranomaly

18.0533, -0.1848, 0.4514

Tritanomaly

18.0620, -1.2828, -0.3490

Monochromacy



Original Color

18.0110, -1.5636, 0.3762

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.8134, -1.0642, 0.5335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0110, -1.5636, 0.3762 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(48, 51, 52)` looks like.

```
.text, #text, p{  
    color:rgb(48, 51, 52)  
}
```

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(48, 51, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 51, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0110, -1.5636, 0.3762 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(48, 51, 52) }
```


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

```
.border{ border-color:rgb(48, 51, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 51, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 51, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 51, 52);  
box-shadow:4px 4px 4px 4px rgb(48, 51, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0110, -1.5636, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 51, 52) }
```

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

```
.background{ background-color: rgb(48, 51,  
52) }
```

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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