

Converting Colors

HunterLab(18.4729, -1.1113,
0.9361)

Have a look what the booklet for
HunterLab(18.4729, -1.1113, 0.9361)
contains.

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Color

**HunterLab(18.4600, -1.2362,
0.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	333434
RGB	51, 52, 52
RGB Percent	20%, 20%, 20%
CMY	0.8000, 0.7961, 0.7961
CMYK	0.02, 0.00, 0.00, 0.80
HSL	180°, 1%, 20%
HSV	180°, 2%, 20%
XYZ	3.2131, 3.4077, 3.7372
YIQ	51.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 52, 52
Decimal	3355700
CIE _{Lab}	21.61, -0.43, -0.16
CIE _{LCh}	22, 0.460, 199.690
Yxy	3.4079, 0.3102, 0.3290
Android (android.graphics.Color)	4281545780 (0xFF333434)
YUV	51.7010, 0.1474, -0.6148
Hunter-Lab	18.4600, -1.2362, 0.9188

Details

The HunterLab color **18.4600, -1.2362, 0.9188** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.2669, -0.7204, 1.0773**, and the grayscale version is **18.4303, -0.9834, 1.0014**.

A 20% lighter version of the original color is **34.8692, -2.1405, 1.8007**, and **4.1912, -0.4955, 0.1366** is the 20% darker color. If you saturate the color by 10%, you get **18.1113, -2.4678, 0.4836**, and if you desaturate by 10%, it is **18.8431, 0.0864, 1.3879**.

Distribution



Red (20%)

Green (20%)

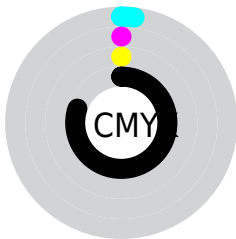
Blue (20%)



Red (20%)

Yellow (20%)

Blue (20%)



Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4600, -1.2362, 0.9188 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 18.4600, -1.2362, 0.9188 by changing the saturation by 10% instead.

■ 18.4600, -1.2362,
0.9188

■ 18.4600, -1.2362,
0.9188

■ 115.3804, -6.6251,
6.1228

■ 11.6112, -0.8347,
0.5585

■ 34.9979, -2.1798,
1.7990

■ 4.2198, -0.6731,
0.0773

■ 44.4953, -2.7130,
2.3071

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.7238, -3.2834,
2.8557

0.0000, NaN, NaN

■ 65.6345, -3.8887,
3.4420

0.0000, NaN, NaN

■ 77.1870, -4.5271,
4.0635

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.3475, -5.1968,

4.7186

0.0000, NaN, NaN

102.0871, -5.8966,
5.4055

■ 18.4600, -1.2362,
0.9188

■ 18.4600, -1.2362,
0.9188

■ 18.1113, -2.4678,
0.4836

■ 18.8431, 0.0864,
1.3879

■ 17.7966, -3.5994,
0.0840

■ 19.2588, 1.4931,
1.8872

■ 17.5164, -4.6244,
-0.2773

■ 19.7064, 2.9751,
2.4143

■ 17.2710, -5.5370,
-0.5984

■ 20.1850, 4.5245,
2.9661

■ 17.0601, -6.3327,
-0.8777

■ 20.6933, 6.1333,
3.5402

■ 16.8830, -7.0090,
-1.1145

■ 21.2302, 7.7942,
4.1339

■ 16.7389, -7.5654,
-1.3088

■ 21.7945, 9.5004,
4.7449

■ 16.6261, -8.0045,
-1.4614

■ 22.3850, 11.2456,
5.3709

■ 16.5248, -8.4022,
-1.5994

■ 23.0003, 13.0245,
6.0101

Harmonies

Analogous

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



18.4604, -1.2479, 1.0502



18.4600, -1.2362, 0.9188



18.4604, -1.1583, 0.8102

Triad

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



18.4604, -1.2366, 0.9191



18.4604, -0.7820, 0.8398



18.4604, -0.9382, 1.2529

Complementary

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



18.4600, -1.2362, 0.9188



18.2669, -0.7204, 1.0773

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.



18.4604, -0.8130, 1.1974



18.4600, -1.2362, 0.9188



18.4604, -0.7227, 0.9594

Square

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



18.4604, -1.2366, 0.9191



18.4604, -0.8960, 0.7642



18.4604, -0.7340, 1.0902



18.4604, -1.0758, 1.2423

Rectangle

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



18.4600, -1.2362, 0.9188



18.4604, -1.0785, 0.7651



18.4604, -0.7340, 1.0902



18.4604, -0.8933, 1.2414

Sweetspot

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



18.4604, -1.2366, 0.9191



24.2907, -1.4777, 1.2592



18.4374, -1.3653, 1.2654



13.1627, -0.7874, 0.6868



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.



18.4604, -1.2366, 0.9191



24.2398, -1.6553, 1.1963



18.3436, -1.0434, 0.7837



9.9787, -0.6482, 0.5036



28.1252, -14.9298, -2.9249



73.8114, -39.1859, -7.6666

Inverse Universe

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



18.2669, -0.7204, 1.0773



23.9614, -0.9124, 1.4240



18.3829, -0.9143, 1.2099



9.8897, -0.4109, 0.5763



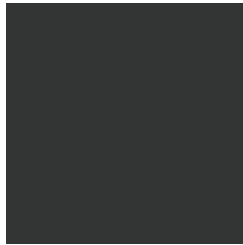
14.6166, 25.0329, 9.4334



38.3588, 65.6919, 24.7759

Previews

White Background



This preview shows how the HunterLab color 18.4600, -1.2362, 0.9188 looks on a white background.

Color Contrast Check

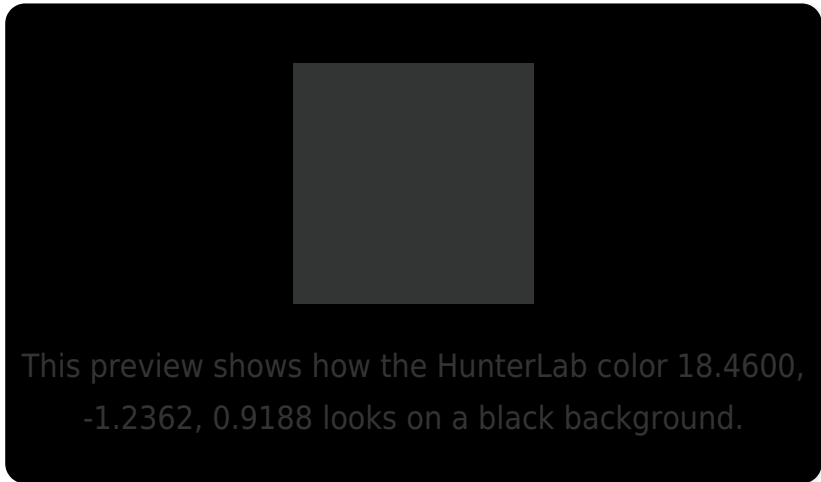
Large Text (above 18pt) WCAG AA ✓ Pass

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

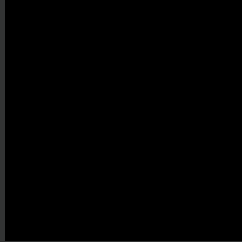
Any Text WCAG AA × Fail

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 18.4600, -1.2362, 0.9188 Background



This preview shows how black text looks on a background with the HunterLab color 18.4600, -1.2362, 0.9188.



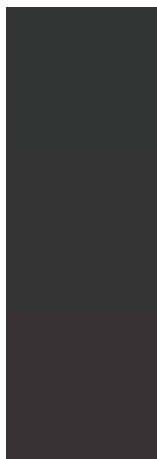
This preview shows how white text looks on a background with the HunterLab color 18.4600, -1.2362,

0.9188.

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

18.4600, -1.2362, 0.9188

Protanopia

18.6032, -0.7380, 1.0961

Deuteranopia

18.3573, 0.8509, 0.8336



Tritanopia

18.3936, -0.0300, -0.7265

Trichromacy



Original Color

18.4600, -1.2362, 0.9188

Protanomaly

18.5310, -0.9888, 1.0068

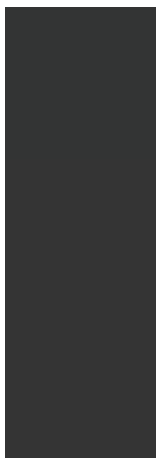
Deuteranomaly

18.4387, -0.0795, 0.9138

Tritanomaly

18.3672, -0.1731, -0.3527

Monochromacy



Original Color

18.4600, -1.2362, 0.9188

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.5310, -0.9888, 1.0068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4600, -1.2362, 0.9188 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(51, 52, 52)` looks like.

```
.text, #text, p{  
    color:rgb(51, 52, 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(51, 52, 52) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 18.4600, -1.2362, 0.9188 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(51, 52, 52) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to HunterLab 18.4600, -1.2362, 0.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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