

Converting Colors

HunterLab(18.7563, 0.0924,
-3.2251)

Have a look what the booklet for
HunterLab(18.7563, 0.0924, -3.2251)
contains.

HunterLab(18.6895, 0.1538, -3.3994)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.6895, 0.1538,
-3.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	32343F
RGB	50, 52, 63
RGB Percent	20%, 20%, 25%
CMY	0.8039, 0.7961, 0.7529
CMYK	0.21, 0.17, 0.00, 0.75
HSL	231°, 12%, 22%
HSV	231°, 21%, 25%
XYZ	3.4406, 3.4930, 5.1955
YIQ	52.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

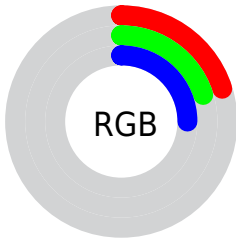
Format	Color
R_{YB}	50, 52, 63
Decimal	3290175
CIE Lab	21.92, 1.96, -7.16
CIE LCh	22, 7.425, 285.268
Yxy	3.4931, 0.2837, 0.2880
Android (android.graphics.Color)	4281480255 (0xFF32343F)
YUV	52.6560, 5.0996, -2.3293
Hunter-Lab	18.6895, 0.1538, -3.3994

Details

The HunterLab color **18.6895, 0.1538, -3.3994** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.5047, -1.9877, 4.8963**, and the grayscale version is **18.7370, -0.9998, 1.0180**.

A 20% lighter version of the original color is **35.1708, -0.3376, -3.6860**, and **4.5848, 1.7313, -6.3193** is the 20% darker color. If you saturate the color by 10%, you get **17.0134, 0.9307, -5.8885**, and if you desaturate by 10%, it is **20.4145, -0.5355, -1.0881**.

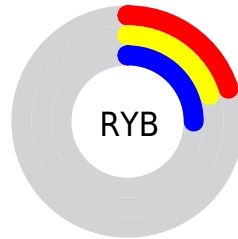
Distribution



Red (20%)

Green (20%)

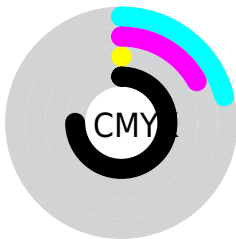
Blue (25%)



Red (20%)

Yellow (20%)

Blue (25%)

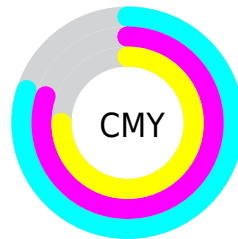


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (75%)



Cyan (80%)

Magenta (80%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6895, 0.1538, -3.3994 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 18.6895, 0.1538, -3.3994 by changing the saturation by 10% instead.

■ 18.6895, 0.1538,
-3.3994

■ 18.6895, 0.1538,
-3.3994

■ 115.8025, -4.0874,
-1.2200

■ 11.8079, 0.3618,
-3.2919

■ 35.2817, -0.4669,
-3.3410

■ 4.6098, 1.6022,
-6.1904

■ 44.8027, -0.8597,
-3.2004

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.0531, -1.2995,
-2.9970

0.0000, NaN, NaN

■ 65.9843, -1.7824,
-2.7371

0.0000, NaN, NaN

■ 77.5562, -2.3051,
-2.4258

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.7352, -2.8648,

-2.0670

0.0000, NaN, NaN

102.4923, -3.4596,
-1.6641

■ 18.6895, 0.1538,
-3.3994

■ 18.6895, 0.1538,
-3.3994

■ 17.0134, 0.9307,
-5.8885

■ 20.4145, -0.5355,
-1.0881

■ 15.3921, 1.8168,
-8.5982

■ 22.1817, -1.1526,
1.0782

■ 13.8351, 2.8374,
-11.5784

■ 23.9872, -1.7109,
3.1270

■ 12.3545, 4.0232,
-14.8852

■ 25.8274, -2.2206,
5.0802

■ 10.9665, 5.4074,
-18.5728

■ 27.6994, -2.6899,
6.9552

■ 9.6926, 7.0182,
-22.6711

■ 29.6008, -3.1254,
8.7658

■ 8.5432, 8.8167,
-27.2182

■ 31.5296, -3.5323,
10.5234

■ 7.5456, 10.5094,
-32.1181

■ 33.4840, -3.9150,
12.2371

■ 35.4625, -4.2770,
13.9145

Harmonies

Analogous

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



18.6899, -2.0846, -3.4113



18.6895, 0.1538, -3.3994



18.6899, 2.1721, -2.1134

Triad

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



18.6899, 0.1535, -3.3990



18.6899, 2.1416, 3.7086



18.6899, -4.9969, 2.0329

Complementary

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



18.6895, 0.1538, -3.3994



21.5047, -1.9877, 4.8963

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.



18.6899, -3.9704, 3.6856



18.6895, 0.1538, -3.3994



18.6899, 0.1135, 4.5725

Square

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



18.6899, 0.1535, -3.3990



18.6899, 3.3563, 2.0679



18.6899, -2.1227, 4.5646



18.6899, -4.9873, -0.0980

Rectangle

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



18.6895, 0.1538, -3.3994



18.6899, 3.0912, -0.7856



18.6899, -2.1227, 4.5646



18.6899, -4.7638, 2.6569

Sweetspot

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



18.6899, 0.1535, -3.3990



27.4602, -1.0545, -0.1613



21.3736, -4.5762, 0.9084



14.0733, -0.5364, -0.0985



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.6899, 0.1535, -3.3990



23.0365, 0.7321, -6.1327



18.5302, 2.0305, -3.5931



10.8088, -0.3533, -0.3060



10.6897, 18.0335, -52.2903



25.3339, 52.4819, -144.9585

Inverse Universe

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



18.9367, 2.7783, 1.5450



23.4710, 5.0093, 2.1693



21.6911, -3.9132, 5.0489



10.8530, 0.2051, 0.6858



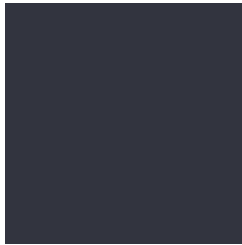
15.5928, 26.9157, 8.4284



39.5250, 67.9820, 23.2589

Previews

White Background



This preview shows how the HunterLab color 18.6895, 0.1538, -3.3994 looks on a white background.

Color Contrast Check

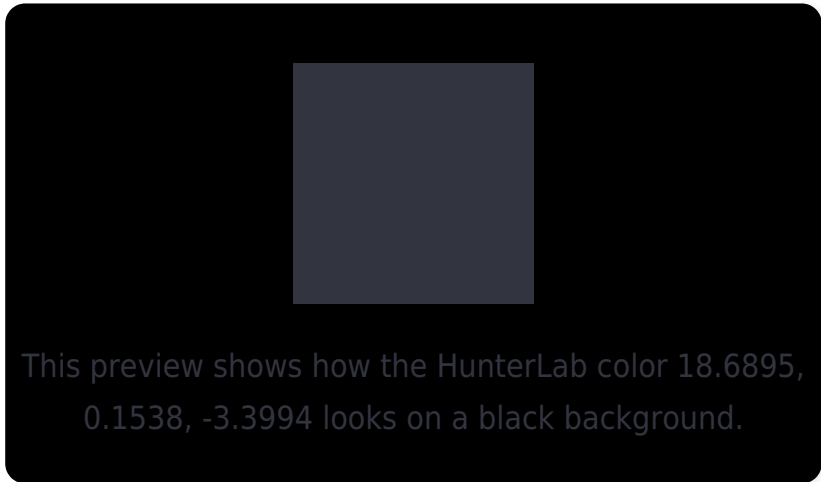
Large Text (above 18pt) WCAG AA ✓ Pass

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

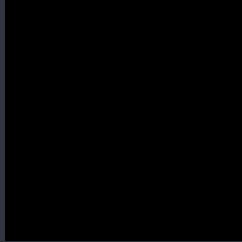
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

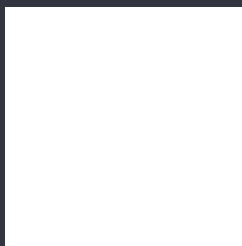
Any Text WCAG AAA × Fail

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

HunterLab 18.6895, 0.1538, -3.3994 Background



This preview shows how black text looks on a background with the HunterLab color 18.6895, 0.1538, -3.3994.



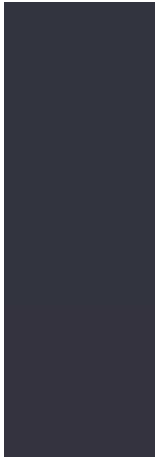
This preview shows how white text looks on a background with the HunterLab color 18.6895, 0.1538,

-3.3994.

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

18.6895, 0.1538, -3.3994

Protanopia

18.6895, 0.1538, -3.3994

Deuteranopia

18.5919, 1.0406, -3.5223



Tritanopia

18.6938, -1.4114, -0.7828

Trichromacy



Original Color

18.6895, 0.1538, -3.3994

Protanomaly

18.6895, 0.1538, -3.3994

Deuteranomaly

18.5212, 0.8018, -3.6273

Tritanomaly

18.7482, -1.1128, -1.5521

Monochromacy



Original Color

18.6895, 0.1538, -3.3994

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.8989, -0.6975, -0.5107

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6895, 0.1538, -3.3994 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(50, 52, 63)` looks like.

```
.text, #text, p{  
    color:rgb(50, 52, 63)  
}
```

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(50, 52, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 52, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6895, 0.1538, -3.3994 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(50, 52, 63) }
```


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

```
.border{ border-color:rgb(50, 52, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 52, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 52, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 52, 63);  
box-shadow:4px 4px 4px 4px rgb(50, 52, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6895, 0.1538, -3.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 52, 63) }
```

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

```
.background{ background-color: rgb(50, 52,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor