

Converting Colors

HunterLab(11.6520, 19.9796,
7.3343)

Have a look what the booklet for
HunterLab(11.6520, 19.9796,
7.3343) contains.

HunterLab(11.5835, 19.8561, 7.3384)	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(11.5835, 19.8561,
7.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	470001
RGB	71, 0, 1
RGB Percent	28%, 0%, 0%
CMY	0.7216, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.72
HSL	359°, 100%, 14%
HSV	359°, 100%, 28%
XYZ	2.6040, 1.3418, 0.1504
YIQ	21.3430, 41.9950, 15.3630

Conversions

Conversions Part 2

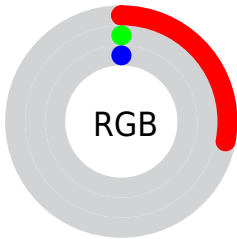
Format	Color
R_{YB}	71, 0, 1
Decimal	4653057
CIE Lab	11.57, 31.92, 17.79
CIE LCh	12, 36.539, 29.132
Yxy	1.3419, 0.6357, 0.3276
Android (android.graphics.Color)	4282843137 (0xFF470001)
YUV	21.3430, -10.0291, 43.5492
Hunter-Lab	11.5835, 19.8561, 7.3384

Details

The HunterLab color **11.5835, 19.8561, 7.3384** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.2457, -11.9781, -1.9472**, and the grayscale version is **8.7822, -0.4686, 0.4772**.

A 20% lighter version of the original color is **26.3458, 22.8316, 10.3409**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5834, 19.8558, 7.3390**, and if you desaturate by 10%, it is **12.2936, 17.9717, 6.7820**.

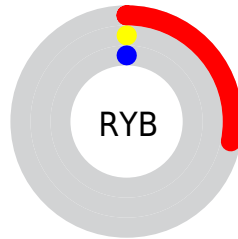
Distribution



Red (28%)

Green (0%)

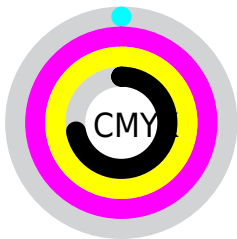
Blue (0%)



Red (28%)

Yellow (0%)

Blue (0%)

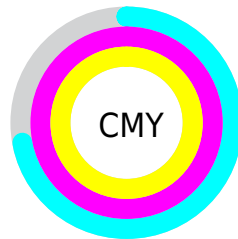


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (72%)



Cyan (72%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.5835, 19.8561, 7.3384 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 11.5835, 19.8561, 7.3384 by changing the saturation by 10% instead.

■ 11.5835, 19.8561,
7.3384

■ 11.5835, 19.8561,
7.3384

■ 102.0307, 29.3619,
21.4172

■ 4.1626, 33.3677,
2.9138

■ 26.2571, 22.8091,
10.2397

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 34.9585, 24.0905,
11.9922

0.0000, NaN, NaN

■ 44.4526, 25.2383,
13.6603

0.0000, NaN, NaN

■ 54.6781, 26.2640,
15.2710

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 65.5858, 27.1795,
16.8415


0.0000, NaN, NaN


■ 77.1357, 27.9952,


0.0000, NaN, NaN


18.3841


 89.2936, 28.7201,
19.9072


 11.5835, 19.8561,
7.3384


 11.5835, 19.8561,
7.3384


 11.5834, 19.8558,
7.3390

 12.2936, 17.9717,
6.7820

 13.0141, 16.2406,
6.2445

 13.9466, 14.2089,
5.6155

 15.0934, 11.9655,
4.9435

 16.4283, 9.6371,
4.2676

■ 17.9252, 7.3095,
3.6131

■ 19.5598, 5.0322,
2.9929

■ 21.3118, 2.8283,
2.4117

■ 23.1641, 0.7048,
1.8695

Harmonies

Analogous

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



11.5839, 23.6567, 0.3661



11.5835, 19.8561, 7.3384



11.5839, 10.2289, 8.1087

Triad

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



11.5839, 19.8546, 7.3386



11.5839, -13.3176, 7.6818



11.5839, -0.8922, -33.2700

Complementary

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



11.5835, 19.8561, 7.3384



22.2457, -11.9781, -1.9472

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.



11.5839, -8.5718, -26.0932



11.5835, 19.8561, 7.3384



11.5839, -15.2630, 0.8889

Square

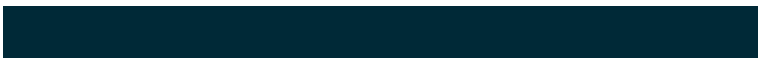
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.5839, 19.8546, 7.3386



11.5839, -8.2110, 8.1087



11.5839, -13.5259, -11.3008



11.5839, 9.5955, -26.8184

Rectangle

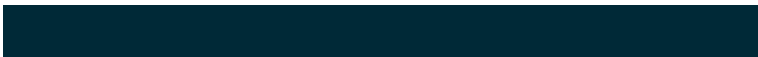
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.5835, 19.8561, 7.3384



11.5839, 3.0021, 8.1087



11.5839, -13.5259, -11.3008



11.5839, -3.8430, -32.3158

Sweetspot

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



11.5839, 19.8546, 7.3386



25.1769, 6.8856, 3.9835



13.2299, 26.0933, -18.1062



12.5201, 3.7554, 2.0876



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



11.5839, 19.8546, 7.3386



15.0594, 25.8083, 9.5858



15.8175, 8.2021, 9.8898



12.3085, 0.2178, 0.9439



16.3741, 28.0599, 10.4359



40.4101, 69.2207, 25.9783

Inverse Universe

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



11.5839, 19.8546, 7.3386



15.0594, 25.8083, 9.5858



13.2612, 0.8761, -18.4653



12.3085, 0.2178, 0.9439



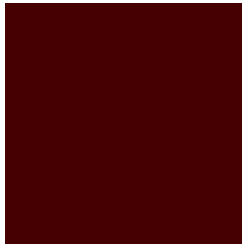
16.3741, 28.0599, 10.4359



40.4101, 69.2207, 25.9783

Previews

White Background



This preview shows how the HunterLab color 11.5835, 19.8561, 7.3384 looks on a white background.

Color Contrast Check

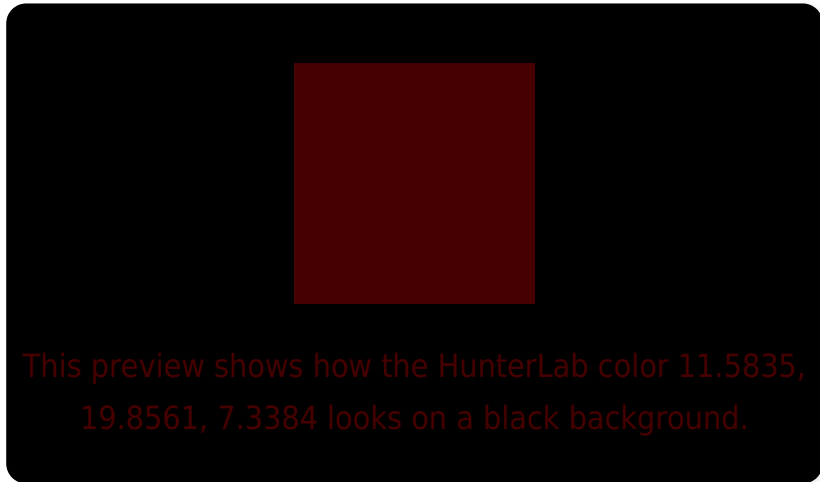
Large Text (above 18pt) WCAG AA ✓ Pass

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

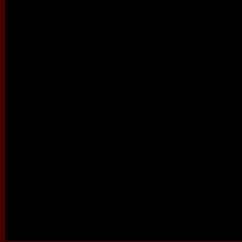
Any Text WCAG AA × Fail

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 11.5835, 19.8561, 7.3384 Background



This preview shows how black text looks on a background with the HunterLab color 11.5835, 19.8561, 7.3384.



This preview shows how white text looks on a background with the HunterLab color 11.5835, 19.8561,

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

11.5835, 19.8561, 7.3384

Protanopia

13.1628, -1.9441, 6.9127

Deuteranopia

13.0459, -0.1964, 8.0354



Tritanopia

12.0584, 17.4117, 7.7351

Trichromacy



Original Color

11.5835, 19.8561, 7.3384

Protanomaly

11.5315, 6.2047, 6.3284

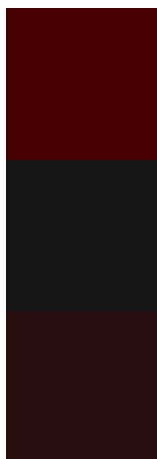
Deuteranomaly

11.6537, 7.3027, 7.3088

Tritanomaly

11.7853, 18.2890, 7.5822

Monochromacy



Original Color

11.5835, 19.8561, 7.3384

Achromatopsia

8.6597, -0.4621, 0.4705

Achromatomaly

8.6654, 6.6685, 2.6136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.5835, 19.8561, 7.3384 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(71, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 1)  
}
```

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(71, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 11.5835, 19.8561, 7.3384 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(71, 0, 1) }
```


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

```
.border{ border-color:rgb(71, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 0, 1); box-shadow:4px  
4px 4px 4px rgb(71, 0, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.5835, 19.8561, 7.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 1) }
```

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

```
.background{ background-color: rgb(71, 0,  
1) }
```

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