

Converting Colors

HunterLab(20.5667, 0.2603,
10.5729)

Have a look what the booklet for
HunterLab(20.5667, 0.2603,
10.5729) contains.

HunterLab(20.5477, 0.0762, 10.6156)	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(20.5477, 0.0762,
10.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	473815
RGB	71, 56, 21
RGB Percent	28%, 22%, 8%
CMY	0.7216, 0.7804, 0.9176
CMYK	0.00, 0.21, 0.70, 0.72
HSL	42°, 54%, 18%
HSV	42°, 70%, 28%
XYZ	4.1481, 4.2221, 1.3058
YIQ	56.4950, 20.1750, -7.7050

Conversions

Conversions Part 2

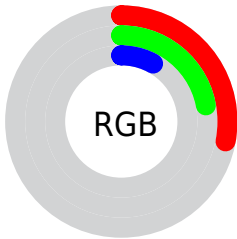
Format	Color
RYB	42, 71, 21
Decimal	4667413
CIELab	24.39, 1.93, 23.86
CIElCh	24, 23.941, 85.374
Yxy	4.2223, 0.4287, 0.4364
Android (android.graphics.Color)	4282857493 (0xFF473815)
YUV	56.4950, -17.4990, 12.7209
Hunter-Lab	20.5477, 0.0762, 10.6156

Details

The HunterLab color **20.5477, 0.0762, 10.6156** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13.6969, 3.1041, -17.3102**, and the grayscale version is **20.1084, -1.0729, 1.0925**.

A 20% lighter version of the original color is **37.6126, -0.8550, 15.2785**, and **6.9429, 1.2347, 4.2998** is the 20% darker color. If you saturate the color by 10%, you get **19.9937, 0.6360, 11.1096**, and if you desaturate by 10%, it is **21.1266, -0.3952, 9.9103**.

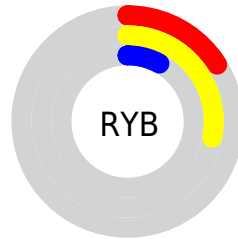
Distribution



 Red (28%)

 Green (22%)

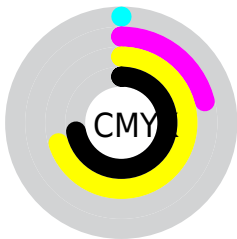
 Blue (8%)



 Red (16%)

 Yellow (28%)

 Blue (8%)

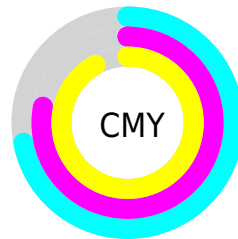


 Cyan (0%)

 Magenta (21%)

 Yellow (70%)

 Black (72%)



 Cyan (72%)

 Magenta (78%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5477, 0.0762, 10.6156 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 20.5477, 0.0762, 10.6156 by changing the saturation by 10% instead.

■ 20.5477, 0.0762,
10.6156

■ 20.5477, 0.0762,
10.6156

■ 119.1777, -4.2742,
28.4784

■ 13.4114, 0.3047,
9.0937

■ 37.5659, -0.5776,
15.1891

■ 6.9738, 0.8340,
4.8817

■ 47.2724, -0.9839,
17.2669

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6954, -1.4361,
19.2559

0.0000, NaN, NaN

■ 68.7885, -1.9303,
21.1791

0.0000, NaN, NaN

■ 80.5135, -2.4635,
23.0524

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 92.8380, -3.0333,

 105.7342, -3.6374,
26.6943


 20.5477, 0.0762,
10.6156

 20.5477, 0.0762,
10.6156


 19.9937, 0.6360,
11.1096


 21.1266, -0.3952,
9.9103


 19.4617, 1.2751,
11.4195

 21.7286, -0.7744,
8.9939

 18.9617, 1.8969,
11.7173

 22.3537, -1.0626,
7.8705

 23.0012, -1.2612,
6.5463

 23.6705, -1.3723,
5.0286

■ 24.3608, -1.3987,
3.3258

■ 25.0714, -1.3434,
1.4467

■ 25.8014, -1.2099,
-0.5995

■ 26.5501, -1.0017,
-2.8037

Harmonies

Analogous

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



20.5482, 7.7294, 9.4917



20.5477, 0.0762, 10.6156



20.5482, -6.9042, 10.0375

Triad

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



20.5482, 0.0753, 10.6158



20.5482, -12.5440, -5.6500



20.5482, 12.1262, -8.2724

Complementary

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



20.5477, 0.0762, 10.6156



13.6969, 3.1041, -17.3102

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.



20.5482, 5.4355, -15.4792



20.5477, 0.0762, 10.6156



20.5482, -8.6474, -13.6238

Square

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



20.5482, 0.0753, 10.6158



20.5482, -13.5571, 2.1916



20.5482, -2.2446, -17.7236



20.5482, 15.2915, -0.0158

Rectangle

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



20.5477, 0.0762, 10.6156



20.5482, -10.3638, 8.5948



20.5482, -2.2446, -17.7236



20.5482, 10.1722, -10.9995

Sweetspot

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



20.5482, 0.0753, 10.6158



30.6563, -1.7710, 6.8286



14.1539, 15.3998, 1.9993



15.4437, -0.8888, 3.5666



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.



20.5482, 0.0753, 10.6158



25.4523, 1.4817, 14.7606



23.5642, -8.5656, 12.5850



12.8648, -0.7326, 1.5739



26.4780, 3.2892, 16.3732



64.0903, 10.4972, 39.6759

Inverse Universe

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



13.6969, 3.1041, -17.3102



14.8151, 7.4197, -31.0791



11.3252, 11.2400, -24.0329



12.3839, -0.5838, -0.2557



13.5259, 12.4062, -43.6877



31.1236, 36.8953, -118.5481

Previews

White Background



This preview shows how the HunterLab color 20.5477, 0.0762, 10.6156 looks on a white background.

Color Contrast Check

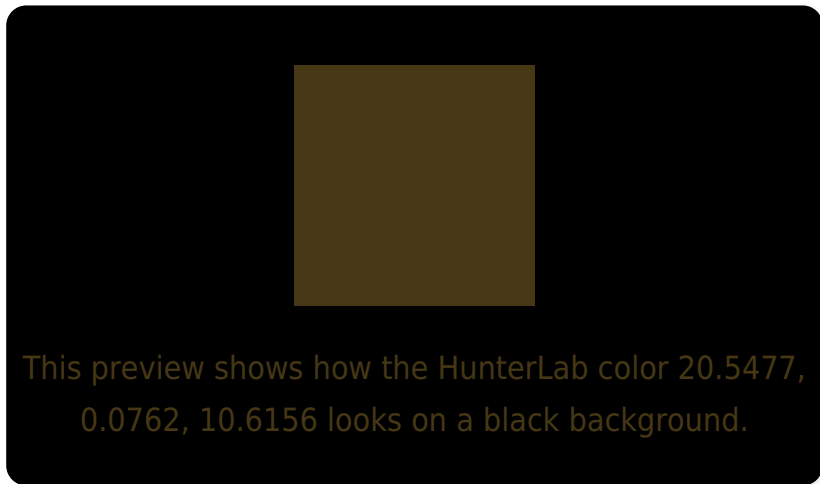
Large Text (above 18pt) WCAG AA ✓ Pass

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

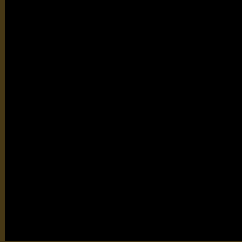
Any Text WCAG AA × Fail

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 20.5477, 0.0762, 10.6156 Background



This preview shows how black text looks on a background with the HunterLab color 20.5477, 0.0762, 10.6156.

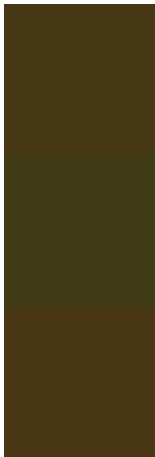


This preview shows how white text looks on a background with the HunterLab color 20.5477, 0.0762,

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

20.5477, 0.0762, 10.6156

Protanopia

20.5131, -2.5018, 10.4023

Deuteranopia

20.5012, 1.1199, 10.6005



Tritanopia

20.4874, 5.6701, 1.8961

Trichromacy



Original Color

20.5477, 0.0762, 10.6156

Protanomaly

20.4389, -1.5098, 10.3660

Deuteranomaly

20.4065, 0.7999, 10.5270

Tritanomaly

20.3398, 3.5176, 5.9327

Monochromacy



Original Color

20.5477, 0.0762, 10.6156

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.9872, -1.2668, 5.5141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5477, 0.0762, 10.6156 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, 56, 21)` looks like.

```
.text, #text, p{  
    color:rgb(71, 56, 21)  
}
```

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, 56, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 56, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5477, 0.0762, 10.6156 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, 56, 21) }
```


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

```
.border{ border-color:rgb(71, 56, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 56, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 56, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 56, 21);  
box-shadow:4px 4px 4px 4px rgb(71, 56, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5477, 0.0762, 10.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 56, 21) }
```

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

```
.background{ background-color: rgb(71, 56,  
21) }
```

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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