

Converting Colors

HunterLab(20.9522, 23.0182,
14.6665)

Have a look what the booklet for
HunterLab(20.9522, 23.0182,
14.6665) contains.

HunterLab(21.0060, 23.3347, 13.3523)	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(21.0060, 23.3347,
13.3523)**

Conversions

Conversions Part 1

Format	Color
Hex	6F2000
RGB	111, 32, 0
RGB Percent	44%, 13%, 0%
CMY	0.5647, 0.8745, 1.0000
CMYK	0.00, 0.71, 1.00, 0.56
HSL	17°, 100%, 22%
HSV	17°, 100%, 44%
XYZ	7.0720, 4.4125, 0.4790
YIQ	51.9730, 57.3560, 6.7960

Conversions

Conversions Part 2

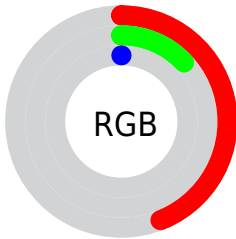
Format	Color
RYB	111, 45, 0
Decimal	7282688
CIELab	24.99, 33.61, 36.24
CIELCh	25, 49.426, 47.152
Yxy	4.4128, 0.5911, 0.3688
Android (android.graphics.Color)	4285472768 (0xFF6F2000)
YUV	51.9730, -25.6227, 51.7667
Hunter-Lab	21.0060, 23.3347, 13.3523

Details

The HunterLab color **21.0060, 23.3347, 13.3523** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **25.9595, -6.4770, -18.4650**, and the grayscale version is **18.5927, -0.9921, 1.0102**.

A 20% lighter version of the original color is **38.1118, 26.1222, 19.7579**, and **9.0124, 15.4339, 5.8236** is the 20% darker color. If you saturate the color by 10%, you get **21.0065, 23.3328, 13.3526**, and if you desaturate by 10%, it is **22.1699, 20.5585, 13.1660**.

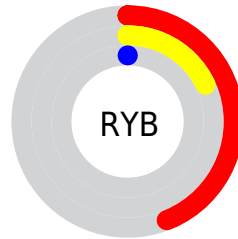
Distribution



Red (44%)

Green (13%)

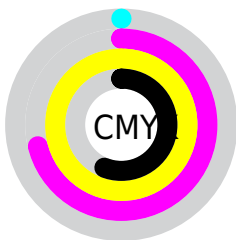
Blue (0%)



Red (44%)

Yellow (18%)

Blue (0%)

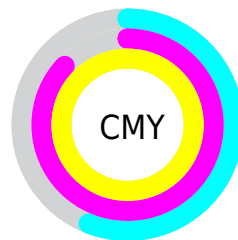


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0060, 23.3347, 13.3523 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 21.0060, 23.3347, 13.3523 by changing the saturation by 10% instead.

■ 21.0060, 23.3347,
13.3523

■ 21.0060, 23.3347,
13.3523

■ 119.9992, 32.1581,
38.1578

■ 13.8096, 21.7714,
9.6667

■ 38.1258, 26.0815,
19.7588

■ 7.4338, 21.8816,
5.2036

■ 47.8767, 27.2580,
22.7322

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.3409, 28.3155,
25.5459

0.0000, NaN, NaN

■ 69.4729, 29.2647,
28.2341

0.0000, NaN, NaN

■ 81.2346, 30.1157,
30.8223

0.0000, NaN, NaN


0.0000, NaN, NaN

■ 93.5941, 30.8768,

33.3296


0.0000, NaN, NaN


 106.5237, 31.5555,
35.7709


 21.0060, 23.3347,
13.3523


 21.0060, 23.3347,
13.3523

 21.0065, 23.3328,
13.3526

 22.1699, 20.5585,
13.1660

 23.5289, 17.6282,
12.8686

 25.0812, 14.7088,
12.2587

 26.8077, 11.8731,
11.3688

 28.6894, 9.1650,
10.2384

■ 30.7085, 6.6064,
8.9064

■ 32.8490, 4.2036,
7.4070

■ 35.0972, 1.9533,
5.7690

■ 37.4409, -0.1532,
4.0158

Harmonies

Analogous

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



21.0066, 35.7765, 7.9225



21.0060, 23.3347, 13.3523



21.0066, 5.9511, 14.7046

Triad

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



21.0066, 23.3326, 13.3526



21.0066, -23.0523, 6.5373



21.0066, 8.4461, -48.2564

Complementary

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



21.0060, 23.3347, 13.3523



25.9595, -6.4770, -18.4650

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.



21.0066, -7.3676, -49.8081



21.0060, 23.3347, 13.3523



21.0066, -22.7425, -9.0966

Square

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



21.0066, 23.3326, 13.3526



21.0066, -18.8603, 12.8347



21.0066, -17.8378, -32.2394



21.0066, 25.6109, -28.8662

Rectangle

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



21.0060, 23.3347, 13.3523



21.0066, -4.7175, 14.7046



21.0066, -17.8378, -32.2394



21.0066, 2.7329, -51.2068

Sweetspot

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



21.0066, 23.3326, 13.3526



43.7176, 5.8802, 10.0833



19.8798, 36.9244, -9.4795



20.9631, 3.3886, 5.2720



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



21.0066, 23.3326, 13.3526



27.7508, 32.2481, 17.6645



31.9182, -0.1586, 19.6650



18.8249, -0.1769, 1.9171



22.7123, 25.5869, 14.4431



49.3811, 60.9013, 31.4946

Inverse Universe

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



25.9595, -6.4770, -18.4650



34.4146, -8.1914, -25.3324



13.4278, 18.9990, -57.7967



19.1327, -1.7834, 0.1244



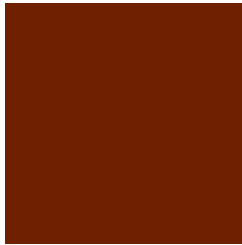
28.0994, -6.9127, -20.1991



61.4817, -13.6013, -47.4856

Previews

White Background



This preview shows how the HunterLab color 21.0060, 23.3347, 13.3523 looks on a white background.

Color Contrast Check

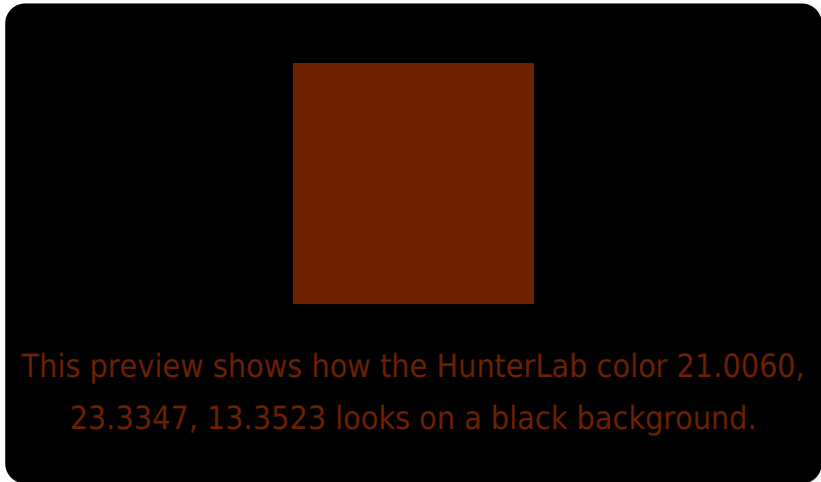
Large Text (above 18pt) WCAG AA ✓ Pass

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

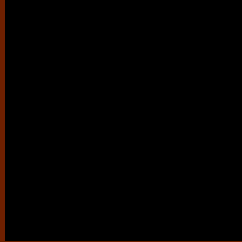
Any Text WCAG AA × Fail

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 21.0060, 23.3347, 13.3523 Background



This preview shows how black text looks on a background with the HunterLab color 21.0060, 23.3347, 13.3523.



This preview shows how white text looks on a background with the HunterLab color 21.0060, 23.3347,

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

21.0060, 23.3347, 13.3523

Protanopia

21.5157, -2.8964, 12.2487

Deuteranopia

21.4567, 0.4992, 13.2302



Tritanopia

20.9928, 25.0544, 9.7131

Trichromacy



Original Color

21.0060, 23.3347, 13.3523

Protanomaly

20.4537, 6.4498, 12.0505

Deuteranomaly

20.7857, 8.4363, 12.9558

Tritanomaly

21.0000, 24.2104, 11.4954

Monochromacy



Original Color

21.0060, 23.3347, 13.3523

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.4473, 6.0402, 6.8485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0060, 23.3347, 13.3523 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(111, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 32, 0)  
}
```

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(111, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 32, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0060, 23.3347, 13.3523 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(111, 32, 0) }
```


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

```
.border{ border-color:rgb(111, 32, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 32, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 32, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0060, 23.3347, 13.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 32, 0) }
```

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

```
.background{ background-color: rgb(111, 32,  
0) }
```

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