

Converting Colors

HunterLab(13.6500, 5.6008,
8.5091)

Have a look what the booklet for
HunterLab(13.6500, 5.6008, 8.5091)
contains.

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Color

**HunterLab(13.6321, 5.8398,
8.5023)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1E00
RGB	59, 30, 0
RGB Percent	23%, 12%, 0%
CMY	0.7686, 0.8823, 1.0000
CMYK	0.00, 0.49, 1.00, 0.77
HSL	31°, 100%, 12%
HSV	31°, 100%, 23%
XYZ	2.2679, 1.8583, 0.2392
YIQ	35.2510, 26.9140, -3.1820

Conversions

Conversions Part 2

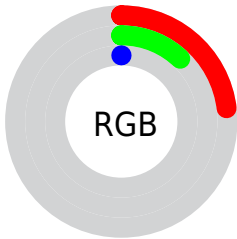
Format	Color
R_{YB}	57, 59, 0
Decimal	3874304
CIE _{Lab}	14.73, 11.51, 21.97
CIE _{LCh}	15, 24.799, 62.356
Yxy	1.8584, 0.5195, 0.4257
Android (android.graphics.Color)	4282064384 (0xFF3B1E00)
YUV	35.2510, -17.3787, 20.8279
Hunter-Lab	13.6321, 5.8398, 8.5023

Details

The HunterLab color **13.6321, 5.8398, 8.5023** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **10.9288, 0.9432, -15.6962**, and the grayscale version is **13.0917, -0.6985, 0.7113**.

A 20% lighter version of the original color is **28.9033, 6.6596, 12.4100**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.6324, 5.8390, 8.5025**, and if you desaturate by 10%, it is **14.2302, 4.9144, 8.1487**.

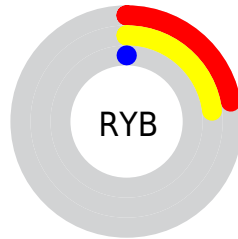
Distribution



Red (23%)

Green (12%)

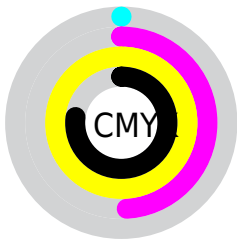
Blue (0%)



Red (22%)

Yellow (23%)

Blue (0%)

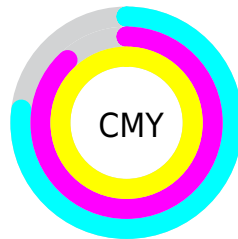


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (77%)



Cyan (77%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.6321, 5.8398, 8.5023 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 13.6321, 5.8398, 8.5023 by changing the saturation by 10% instead.

■ 13.6321, 5.8398,
8.5023

■ 13.6321, 5.8398,
8.5023

■ 106.1732, 6.5443,
25.2717

■ 7.2333, 6.5452,
5.0633

■ 28.9175, 6.6157,
12.4040

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.8771, 6.8295,
14.4500

0.0000, NaN, NaN

■ 47.6083, 6.9525,
16.3896

0.0000, NaN, NaN

■ 58.0543, 6.9969,
18.2528

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.1690, 6.9719,
20.0601


0.0000, NaN, NaN


■ 80.9144, 6.8845,


0.0000, NaN, NaN

21.8258


 93.2584, 6.7405,
23.5604

 13.6321, 5.8398,
8.5023


 13.6321, 5.8398,
8.5023


 13.6324, 5.8390,
8.5025

 14.2302, 4.9144,
8.1487

 14.8513, 3.9815,
7.8579

 15.5048, 3.0997,
7.4688

 16.1922, 2.2905,
6.9327

 16.9112, 1.5541,
6.2579

■ 17.6600, 0.8892,
5.4539

■ 18.4363, 0.2931,
4.5304

■ 19.2384, -0.2374,
3.4970

■ 20.0644, -0.7057,
2.3627

Harmonies

Analogous

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



13.6325, 12.0747, 5.8582



13.6321, 5.8398, 8.5023



13.6325, -1.2582, 9.3568

Triad

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



13.6325, 5.8389, 8.5024



13.6325, -11.4324, 0.2240



13.6325, 6.9454, -14.3712

Complementary

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



13.6321, 5.8398, 8.5023



10.9288, 0.9432, -15.6962

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.



13.6325, -0.1898, -18.2835



13.6321, 5.8398, 8.5023



13.6325, -10.0589, -7.6681

Square

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



13.6325, 5.8389, 8.5024



13.6325, -10.4340, 5.3211



13.6325, -6.2477, -15.3744



13.6325, 12.7960, -6.3280

Rectangle

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



13.6321, 5.8398, 8.5023



13.6325, -5.3264, 8.7964



13.6325, -6.2477, -15.3744



13.6325, 4.5741, -16.3513

Sweetspot

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



13.6325, 5.8389, 8.5024



23.7174, 0.4805, 6.0362



10.1045, 18.2066, -0.4673



12.2072, 0.2958, 3.2017



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



13.6325, 5.8389, 8.5024



17.3251, 8.2413, 10.8199



20.1437, -5.4104, 12.3177



11.1814, -0.4272, 1.2089



21.2375, 10.8107, 13.2757



52.2249, 31.5230, 32.7326

Inverse Universe

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



10.9288, 0.9432, -15.6962



13.7459, 1.9461, -21.3823



5.6194, 15.2420, -39.9266



11.0370, -0.7333, -0.0281



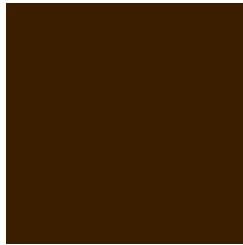
16.7262, 3.0408, -27.4704



40.2630, 12.1654, -76.5870

Previews

White Background



This preview shows how the HunterLab color 13.6321, 5.8398, 8.5023 looks on a white background.

Color Contrast Check

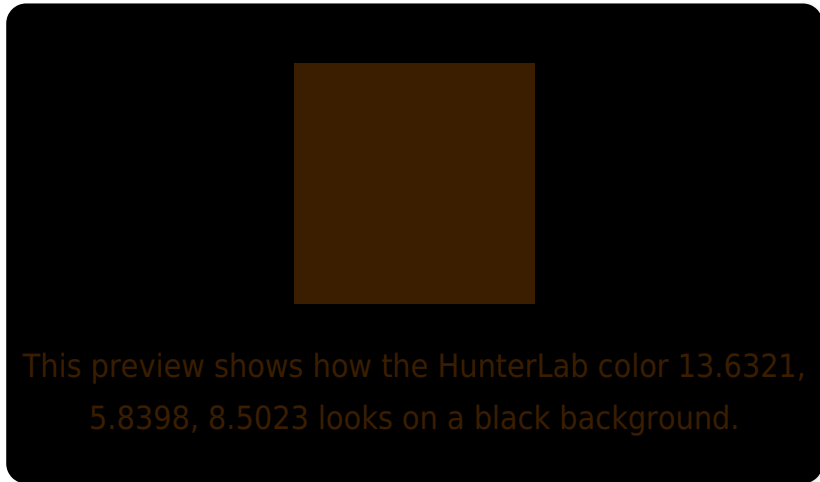
Large Text (above 18pt) WCAG AA ✓ Pass

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

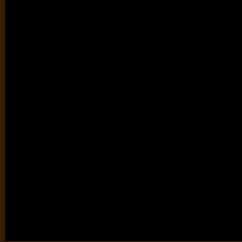
Any Text WCAG AA × Fail

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 13.6321, 5.8398, 8.5023 Background



This preview shows how black text looks on a background with the HunterLab color 13.6321, 5.8398, 8.5023.

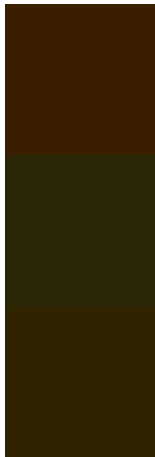


This preview shows how white text looks on a background with the HunterLab color 13.6321, 5.8398,

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

13.6321, 5.8398, 8.5023

Protanopia

13.8231, -2.0215, 7.8665

Deuteranopia

13.7482, -0.0424, 8.4708



Tritanopia

13.7292, 8.6477, 3.3068

Trichromacy



Original Color

13.6321, 5.8398, 8.5023

Protanomaly

13.6441, 0.7717, 8.0466

Deuteranomaly

13.6898, 1.9666, 8.4700

Tritanomaly

13.7346, 7.4205, 5.9336

Monochromacy



Original Color

13.6321, 5.8398, 8.5023

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.9658, 1.0908, 4.5375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.6321, 5.8398, 8.5023 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(59, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 30, 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(59, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 30, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 13.6321, 5.8398, 8.5023 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(59, 30, 0) }
```


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

```
.border{ border-color:rgb(59, 30, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 30, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 30, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 30, 0); box-shadow:4px  
4px 4px 4px rgb(59, 30, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.6321, 5.8398, 8.5023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 30, 0) }
```

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

```
.background{ background-color: rgb(59, 30,  
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](#).

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