

Converting Colors

HunterLab(13.0002, 25.3591,
6.7823)

Have a look what the booklet for
HunterLab(13.0002, 25.3591,
6.7823) contains.

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Color

**HunterLab(13.5015, 23.3369,
7.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	52000D
RGB	82, 0, 13
RGB Percent	32%, 0%, 5%
CMY	0.6784, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.84, 0.68
HSL	350°, 100%, 16%
HSV	350°, 100%, 32%
XYZ	3.5523, 1.8229, 0.5454
YIQ	26.0000, 44.6990, 21.4270

Conversions

Conversions Part 2

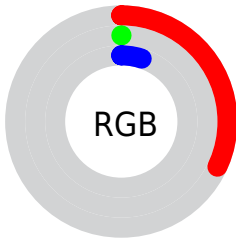
Format	Color
RYB	82, 0, 13
Decimal	5373965
CIELab	14.53, 35.58, 17.25
CIELCh	15, 39.540, 25.866
Yxy	1.8230, 0.6000, 0.3079
Android (android.graphics.Color)	4283564045 (0xFF52000D)
YUV	26.0000, -6.4090, 49.1120
Hunter-Lab	13.5015, 23.3369, 7.0560

Details

The HunterLab color **13.5015, 23.3369, 7.0560** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **25.4251, -15.7675, 2.2592**, and the grayscale version is **10.1738, -0.5428, 0.5528**.

A 20% lighter version of the original color is **28.7093, 26.5419, 10.4285**, and **4.5702, 7.8745, 2.5814** is the 20% darker color. If you saturate the color by 10%, you get **13.5014, 23.3367, 7.0567**, and if you desaturate by 10%, it is **14.2201, 21.4856, 6.3984**.

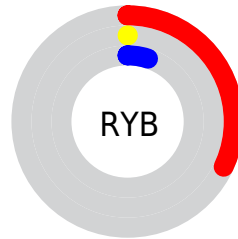
Distribution



Red (32%)

Green (0%)

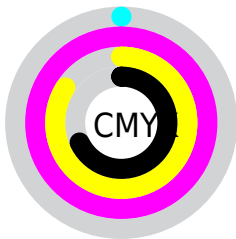
Blue (5%)



Red (32%)

Yellow (0%)

Blue (5%)

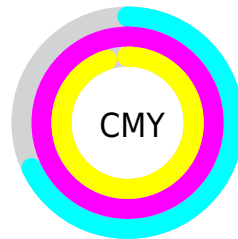


Cyan (0%)

Magenta (100%)

Yellow (84%)

Black (68%)



Cyan (68%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.5015, 23.3369, 7.0560 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 13.5015, 23.3369, 7.0560 by changing the saturation by 10% instead.

 13.5015, 23.3369,
7.0560

 13.5015, 23.3369,
7.0560


 105.9141, 33.8467,
21.4177

 7.0814, 24.2119,
4.9570


 28.7496, 26.4853,
10.5506

0.0000, INF, NaN


0.0000, NaN, NaN

 37.6934, 27.8786,
12.2334

0.0000, NaN, NaN


 47.4101, 29.1424,
13.8452

0.0000, NaN, NaN

 57.8425, 30.2856,
15.4086

0.0000, NaN, NaN

0.0000, NaN, NaN


 68.9444, 31.3186,
16.9385


0.0000, NaN, NaN


 80.6778, 32.2509,


0.0000, NaN, NaN


18.4454


 93.0103, 33.0912,
19.9366


 13.5015, 23.3369,
7.0560


 13.5015, 23.3369,
7.0560


 13.5014, 23.3367,
7.0567

 14.2201, 21.4856,
6.3984

 15.0159, 19.6856,
5.5506

 16.0815, 17.4037,
4.7173

 17.4015, 14.7990,
3.9576

 18.9458, 12.0318,
3.3015

■ 20.6830, 9.2170,
2.7587

■ 22.5845, 6.4246,
2.3259

■ 24.6256, 3.6913,
1.9930

■ 26.7861, 1.0317,
1.7478

Harmonies

Analogous

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



13.5019, 26.6625, -0.7593



13.5015, 23.3369, 7.0560



13.5019, 12.9289, 9.4514

Triad

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



13.5019, 23.3352, 7.0563



13.5019, -13.9788, 8.5721



13.5019, -2.1778, -37.2005

Complementary

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



13.5015, 23.3369, 7.0560



25.4251, -15.7675, 2.2592

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.



13.5019, -10.4641, -27.7278



13.5015, 23.3369, 7.0560



13.5019, -16.1439, 2.0758

Square

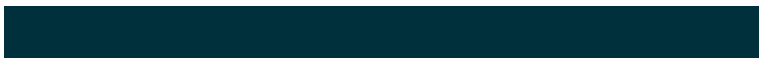
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.5019, 23.3352, 7.0563



13.5019, -8.6002, 9.4514



13.5019, -14.8988, -10.9494



13.5019, 9.5195, -31.5782

Rectangle

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



13.5015, 23.3369, 7.0560



13.5019, 4.7002, 9.4514



13.5019, -14.8988, -10.9494



13.5019, -5.4026, -35.5571

Sweetspot

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



13.5019, 23.3352, 7.0563



29.5638, 8.8811, 3.1280



13.6026, 27.7708, -25.9258



14.3777, 4.8364, 1.6149



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



13.5019, 23.3352, 7.0563



17.8112, 30.7290, 9.7515



16.1036, 14.8198, 10.1818



13.8166, 0.3559, 0.8790



17.3644, 29.9624, 9.4735



41.5889, 71.5400, 24.4104

Inverse Universe

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



13.5019, 23.3352, 7.0563



17.8112, 30.7290, 9.7515



18.1940, -3.6473, -14.8662



13.8166, 0.3559, 0.8790



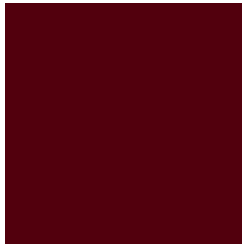
17.3644, 29.9624, 9.4735



41.5889, 71.5400, 24.4104

Previews

White Background



This preview shows how the HunterLab color 13.5015, 23.3369, 7.0560 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

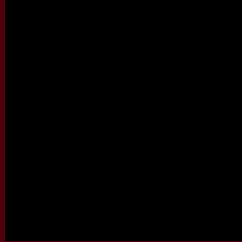
Any Text WCAG AA × Fail

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 13.5015, 23.3369, 7.0560 Background



This preview shows how black text looks on a background with the HunterLab color 13.5015, 23.3369, 7.0560.



This preview shows how white text looks on a background with the HunterLab color 13.5015, 23.3369,

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

13.5015, 23.3369, 7.0560

Protanopia

15.1358, -1.8393, 6.5153

Deuteranopia

14.7686, 0.0406, 9.1010

Trichromacy



Original Color

13.5015, 23.3369, 7.0560

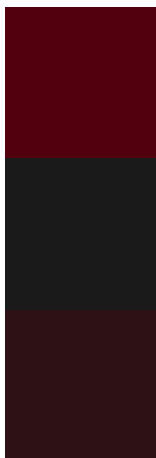
Protanomaly

13.2565, 7.8348, 5.7463

Deuteranomaly

13.2777, 9.3636, 7.7045

Monochromacy



Original Color

13.5015, 23.3369, 7.0560

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.1778, 7.8386, 2.2758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.5015, 23.3369, 7.0560 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(82, 0, 13)` looks like.

```
.text, #text, p{  
    color:rgb(82, 0, 13)  
}
```

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(82, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 0, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 13.5015, 23.3369, 7.0560 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(82, 0, 13) }
```

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

```
.border{ border-color:rgb(82, 0, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 0, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 0, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 0, 13); box-shadow:4px  
4px 4px 4px rgb(82, 0, 13) }
```


Background

The CSS property to change the background color of an element to HunterLab 13.5015, 23.3369, 7.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 0, 13) }
```

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

```
.background{ background-color: rgb(82, 0,  
13) }
```

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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