

Converting Colors

HunterLab(13.5246, 23.5544,
5.6912)

Have a look what the booklet for
HunterLab(13.5246, 23.5544,
5.6912) contains.

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Color

**HunterLab(13.5940, 23.6785,
5.6968)**

Conversions

Conversions Part 1

Format	Color
Hex	520015
RGB	82, 0, 21
RGB Percent	32%, 0%, 8%
CMY	0.6784, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.74, 0.68
HSL	345°, 100%, 16%
HSV	345°, 100%, 32%
XYZ	3.6150, 1.8480, 0.8756
YIQ	26.9120, 42.1310, 23.9150

Conversions

Conversions Part 2

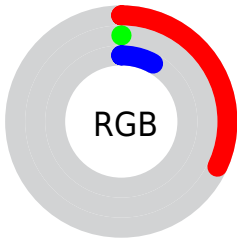
Format	Color
R_{YB}	82, 0, 21
Decimal	5373973
CIE _{Lab}	14.67, 35.96, 12.77
CIE _{LCh}	15, 38.155, 19.548
Yxy	1.8481, 0.5703, 0.2916
Android (android.graphics.Color)	4283564053 (0xFF520015)
YUV	26.9120, -2.9146, 48.3122
Hunter-Lab	13.5940, 23.6785, 5.6968

Details

The HunterLab color **13.5940, 23.6785, 5.6968** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25.2419, -16.8786, 4.8867**, and the grayscale version is **10.4425, -0.5572, 0.5674**.

A 20% lighter version of the original color is **28.8367, 27.1146, 8.5749**, and **4.7096, 8.1119, 2.6825** is the 20% darker color. If you saturate the color by 10%, you get **13.5939, 23.6782, 5.6976**, and if you desaturate by 10%, it is **14.3232, 21.8885, 4.8916**.

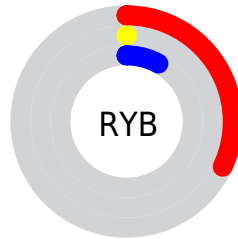
Distribution



Red (32%)

Green (0%)

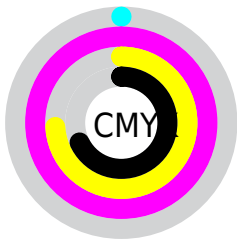
Blue (8%)



Red (32%)

Yellow (0%)

Blue (8%)

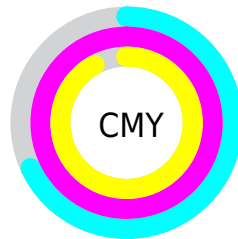


Cyan (0%)

Magenta (100%)

Yellow (74%)

Black (68%)



Cyan (68%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.5940, 23.6785, 5.6968 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 13.5940, 23.6785, 5.6968 by changing the saturation by 10% instead.

■ 13.5940, 23.6785,
5.6968

■ 13.5940, 23.6785,
5.6968

■ 106.0978, 34.3040,
17.6261

■ 7.1894, 24.3317,
5.0326

■ 28.8686, 26.8493,
8.6060

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.8236, 28.2560,
9.9525

0.0000, NaN, NaN

■ 47.5506, 29.5333,
11.2618

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.9926, 30.6902,
12.5487

0.0000, NaN, NaN


■ 69.1036, 31.7367,
13.8228


0.0000, NaN, NaN


■ 80.8456, 32.6824,


0.0000, NaN, NaN


15.0909


 93.1862, 33.5357,
16.3575


 13.5940, 23.6785,
5.6968


 13.5940, 23.6785,
5.6968


 13.5939, 23.6782,
5.6976

 14.3232, 21.8885,
4.8916

 15.1244, 20.1311,
3.9735

 16.1889, 17.8697,
3.1624

 17.5024, 15.2598,
2.5041

 19.0356, 12.4617,
2.0110

■ 20.7584, 9.5927,
1.6768

■ 22.6431, 6.7266,
1.4854

■ 24.6658, 3.9039,
1.4174

■ 26.8065, 1.1427,
1.4540

Harmonies

Analogous

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



13.5944, 25.0155, -3.1773



13.5940, 23.6785, 5.6968



13.5944, 14.8093, 9.5161

Triad

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



13.5944, 23.6768, 5.6971



13.5944, -12.8298, 9.3527



13.5944, -4.1627, -34.3357

Complementary

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



13.5940, 23.6785, 5.6968



25.2419, -16.8786, 4.8867

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.



13.5944, -11.4085, -23.1070



13.5940, 23.6785, 5.6968



13.5944, -15.5505, 3.7550

Square

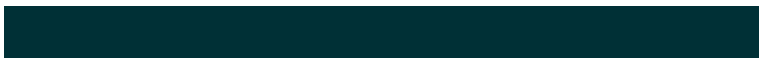
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.5944, 23.6768, 5.6971



13.5944, -6.7838, 9.5161



13.5944, -15.0485, -7.2749



13.5944, 6.6222, -32.0959

Rectangle

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



13.5940, 23.6785, 5.6968



13.5944, 6.9797, 9.5161



13.5944, -15.0485, -7.2749



13.5944, -7.0243, -31.8072

Sweetspot

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



13.5944, 23.6768, 5.6971



29.6440, 9.2915, 1.9816



12.5466, 26.3392, -29.5301



14.4202, 5.0522, 1.0075



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.



13.5944, 23.6768, 5.6971



17.9251, 31.1498, 8.0756



15.0474, 17.7348, 9.5820



13.8258, 0.4055, 0.7479



17.4761, 30.3751, 7.8298



41.8142, 72.3736, 21.0853

Inverse Universe

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



13.5944, 23.6768, 5.6971



17.9251, 31.1498, 8.0756



20.3706, -6.7911, -10.8005



13.8258, 0.4055, 0.7479



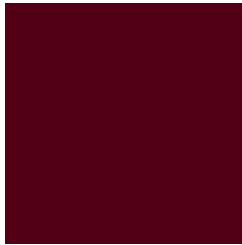
17.4761, 30.3751, 7.8298



41.8142, 72.3736, 21.0853

Previews

White Background



This preview shows how the HunterLab color 13.5940, 23.6785, 5.6968 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

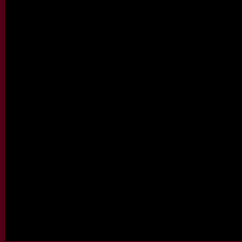
Any Text WCAG AA × Fail

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 13.5940, 23.6785, 5.6968 Background



This preview shows how black text looks on a background with the HunterLab color 13.5940, 23.6785, 5.6968.



This preview shows how white text looks on a background with the HunterLab color 13.5940, 23.6785,

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

13.5940, 23.6785, 5.6968

Protanopia

15.2253, -1.1933, 4.0395

Deuteranopia

15.1164, 0.3334, 7.3978



Tritanopia

14.1505, 20.7776, 8.3613

Trichromacy



Original Color

13.5940, 23.6785, 5.6968

Protanomaly

13.2938, 8.2425, 3.4361

Deuteranomaly

13.4004, 9.9401, 5.8993

Tritanomaly

13.9580, 21.6783, 7.6355

Monochromacy



Original Color

13.5940, 23.6785, 5.6968

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.3703, 8.5008, 1.2807

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.5940, 23.6785, 5.6968 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, 21)` looks like.

```
.text, #text, p{  
    color:rgb(82, 0, 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(82, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 0, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 13.5940, 23.6785, 5.6968 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, 21) }
```


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

```
.border{ border-color:rgb(82, 0, 21) }
```

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, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 0, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 0, 21); box-shadow:4px  
4px 4px 4px rgb(82, 0, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.5940, 23.6785, 5.6968 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, 21) }
```

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

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