

Converting Colors

HunterLab(13.4561, 23.5421,
4.8330)

Have a look what the booklet for
HunterLab(13.4561, 23.5421,
4.8330) contains.

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Color

**HunterLab(13.4732, 23.5628,
4.9119)**

Conversions

Conversions Part 1

Format	Color
Hex	510018
RGB	81, 0, 24
RGB Percent	32%, 0%, 9%
CMY	0.6824, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.70, 0.68
HSL	342°, 100%, 16%
HSV	342°, 100%, 32%
XYZ	3.5582, 1.8153, 1.0270
YIQ	26.9550, 40.5720, 24.6360

Conversions

Conversions Part 2

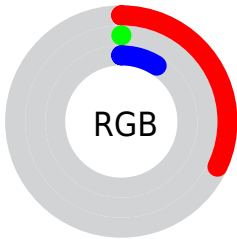
Format	Color
R_{YB}	81, 0, 24
Decimal	5308440
CIE Lab	14.49, 35.85, 10.31
CIE LCh	14, 37.307, 16.037
Yxy	1.8154, 0.5559, 0.2836
Android (android.graphics.Color)	4283498520 (0xFF510018)
YUV	26.9550, -1.4568, 47.3975
Hunter-Lab	13.4732, 23.5628, 4.9119

Details

The HunterLab color **13.4732, 23.5628, 4.9119** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.8602, -17.0744, 5.7864**, and the grayscale version is **10.4516, -0.5577, 0.5679**.

A 20% lighter version of the original color is **28.6052, 26.6583, 7.4099**, and **4.5702, 7.8745, 2.5814** is the 20% darker color. If you saturate the color by 10%, you get **13.4731, 23.5625, 4.9127**, and if you desaturate by 10%, it is **14.2038, 21.7900, 4.0900**.

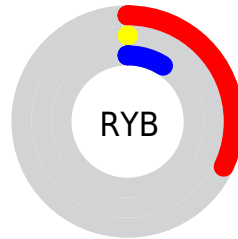
Distribution



Red (32%)

Green (0%)

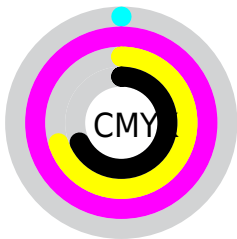
Blue (9%)



Red (32%)

Yellow (0%)

Blue (9%)

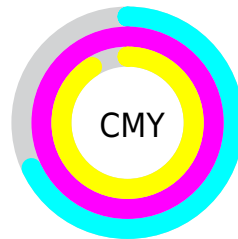


Cyan (0%)

Magenta (100%)

Yellow (70%)

Black (68%)



Cyan (68%)


Magenta (100%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.4732, 23.5628, 4.9119 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 13.4732, 23.5628, 4.9119 by changing the saturation by 10% instead.

 13.4732, 23.5628,
4.9119

 13.4732, 23.5628,
4.9119


 105.8579, 34.1708,
15.4373

 7.0479, 24.5261,
4.9336


 28.7132, 26.7303,
7.3983

0.0000, INF, NaN


0.0000, NaN, NaN

 37.6535, 28.1353,
8.5676

0.0000, NaN, NaN


 47.3670, 29.4108,
9.7170

0.0000, NaN, NaN

 57.7965, 30.5657,
10.8572

0.0000, NaN, NaN

0.0000, NaN, NaN


 68.8957, 31.6101,
11.9953


0.0000, NaN, NaN


 80.6265, 32.5536,


0.0000, NaN, NaN


13.1361


 92.9565, 33.4047,
14.2826


 13.4732, 23.5628,
4.9119


 13.4732, 23.5628,
4.9119


 13.4731, 23.5625,
4.9127

 14.2038, 21.7900,
4.0900

 14.9992, 20.0571,
3.1841

 16.0501, 17.8248,
2.4184

 17.3434, 15.2419,
1.8318

 18.8512, 12.4654,
1.4289

■ 20.5441, 9.6114,
1.1970

■ 22.3955, 6.7535,
1.1155

■ 24.3819, 3.9330,
1.1620

■ 26.4842, 1.1690,
1.3157

Harmonies

Analogous

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



13.4736, 23.8574, -4.5443



13.4732, 23.5628, 4.9119



13.4736, 15.6340, 9.4315

Triad

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



13.4736, 23.5612, 4.9122



13.4736, -12.0646, 9.4315



13.4736, -5.1028, -32.4610

Complementary

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



13.4732, 23.5628, 4.9119



24.8602, -17.0744, 5.7864

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.



13.4736, -11.7462, -20.5672



13.4732, 23.5628, 4.9119



13.4736, -15.0927, 4.4805

Square

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



13.4736, 23.5612, 4.9122



13.4736, -5.6874, 9.4315



13.4736, -14.9797, -5.4518



13.4736, 5.0918, -31.9680

Rectangle

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



13.4732, 23.5628, 4.9119



13.4736, 8.1342, 9.4315



13.4736, -14.9797, -5.4518



13.4736, -7.7501, -29.5398

Sweetspot

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



13.4736, 23.5612, 4.9122



28.9517, 9.1943, 1.4577



12.0636, 25.5811, -30.3779



14.4382, 5.1439, 0.7494



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.



13.4736, 23.5612, 4.9122



17.5353, 30.5931, 6.9640



14.5808, 18.3310, 9.3049



13.8296, 0.4261, 0.6935



41.9412, 72.8425, 19.2187

Inverse Universe

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



13.4736, 23.5612, 4.9122



17.5353, 30.5931, 6.9640



20.8612, -7.7215, -9.4052



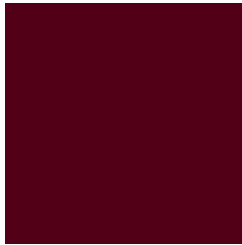
13.8296, 0.4261, 0.6935



41.9412, 72.8425, 19.2187

Previews

White Background



This preview shows how the HunterLab color 13.4732, 23.5628, 4.9119 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

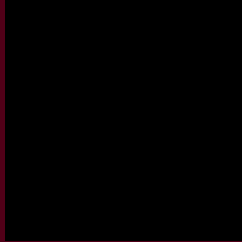
Any Text WCAG AA × Fail

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 13.4732, 23.5628, 4.9119 Background



This preview shows how black text looks on a background with the HunterLab color 13.4732, 23.5628, 4.9119.



This preview shows how white text looks on a background with the HunterLab color 13.4732, 23.5628,

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

13.4732, 23.5628, 4.9119

Protanopia

14.9226, -0.9036, 2.5479

Deuteranopia

14.8504, 0.6601, 6.5200



Tritanopia

14.0853, 20.2850, 8.0674

Trichromacy



Original Color

13.4732, 23.5628, 4.9119

Protanomaly

13.0879, 8.7028, 2.0266

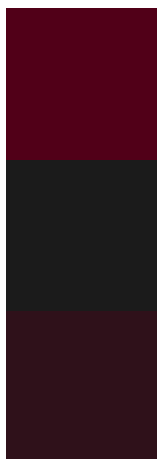
Deuteranomaly

13.3174, 9.7957, 5.2190

Tritanomaly

13.8249, 21.4836, 7.1132

Monochromacy



Original Color

13.4732, 23.5628, 4.9119

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.3914, 8.5982, 0.9776

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4732, 23.5628, 4.9119 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(81, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(81, 0, 24)  
}
```

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(81, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 0, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4732, 23.5628, 4.9119 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(81, 0, 24) }
```

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

```
.border{ border-color:rgb(81, 0, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 0, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 0, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 0, 24); box-shadow:4px  
4px 4px 4px rgb(81, 0, 24) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.4732, 23.5628, 4.9119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 0, 24) }
```

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

```
.background{ background-color: rgb(81, 0,  
24) }
```

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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