

Converting Colors

HunterLab(13.2599, 23.4158,
3.0820)

Have a look what the booklet for
HunterLab(13.2599, 23.4158,
3.0820) contains.

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Color

**HunterLab(13.2514, 23.4008,
3.0795)**

Conversions

Conversions Part 1

Format	Color
Hex	4F001E
RGB	79, 0, 30
RGB Percent	31%, 0%, 12%
CMY	0.6902, 1.0000, 0.8824
CMYK	0.00, 1.00, 0.62, 0.69
HSL	337°, 100%, 15%
HSV	337°, 100%, 31%
XYZ	3.4588, 1.7560, 1.3849
YIQ	27.0410, 37.4540, 26.0780

Conversions

Conversions Part 2

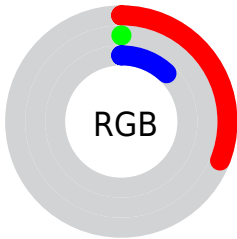
Format	Color
RYB	79, 0, 30
Decimal	5177374
CIELab	14.15, 35.73, 5.30
CIElCh	14, 36.119, 8.436
Yxy	1.7561, 0.5241, 0.2661
Android (android.graphics.Color)	4283367454 (0xFF4F001E)
YUV	27.0410, 1.4588, 45.5680
Hunter-Lab	13.2514, 23.4008, 3.0795

Details

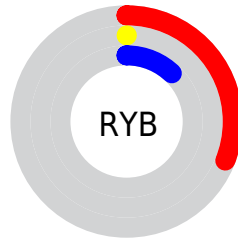
The HunterLab color **13.2514, 23.4008, 3.0795** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **24.1117, -17.3916, 7.4066**, and the grayscale version is **10.4700, -0.5587, 0.5689**.

A 20% lighter version of the original color is **28.4709, 26.6309, 4.8833**, and **4.2680, 7.3091, 2.7579** is the 20% darker color. If you saturate the color by 10%, you get **13.2513, 23.4005, 3.0803**, and if you desaturate by 10%, it is **13.9808, 21.6516, 2.2835**.

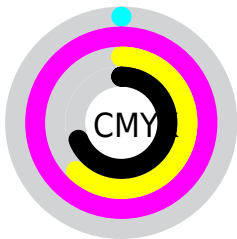
Distribution



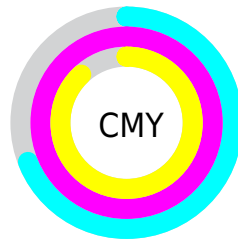
- Red (31%)
- Green (0%)
- Blue (12%)



- Red (31%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (69%)





- Cyan (69%)
- Magenta (100%)
- Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2514, 23.4008, 3.0795 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 13.2514, 23.4008, 3.0795 by changing the saturation by 10% instead.

 13.2514, 23.4008, 3.0795  13.2514, 23.4008, 3.0795

 105.4160, 33.9968, 10.8280  6.7793, 25.0192, 3.6091

 28.4275, 26.5660, 4.7189 0.0000, INF, NaN

0.0000, NaN, NaN

 37.3407, 27.9704, 5.5421 0.0000, NaN, NaN

 47.0292, 29.2450, 6.3781 0.0000, NaN, NaN


 57.4354, 30.3987, 7.2303 0.0000, NaN, NaN


0.0000, NaN, NaN


 68.5128, 31.4416, 8.1006 0.0000, NaN, NaN


 80.2230, 32.3834, 0.0000, NaN, NaN


8.9899


 92.5333, 33.2327,
9.8990


 13.2514, 23.4008,
3.0795


 13.2514, 23.4008,
3.0795


 13.2513, 23.4005,
3.0803

 13.9808, 21.6516,
2.2835

 14.7612, 19.9557,
1.4532

 15.7816, 17.7709,
0.8218

 17.0323, 15.2319,
0.4139

 18.4872, 12.4901,
0.2185

■ 20.1191, 9.6590,
0.2112

■ 21.9028, 6.8126,
0.3632

■ 23.8164, 3.9932,
0.6471

■ 25.8416, 1.2219,
1.0391

Harmonies

Analogous

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



13.2518, 21.6196, -7.6485



13.2514, 23.4008, 3.0795



13.2518, 17.4037, 8.6677

Triad

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



13.2518, 23.3993, 3.0799



13.2518, -10.4634, 9.2763



13.2518, -6.9175, -28.8865

Complementary

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



13.2514, 23.4008, 3.0795



24.1117, -17.3916, 7.4066

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.



13.2518, -12.4364, -15.8409



13.2514, 23.4008, 3.0795



13.2518, -14.1788, 5.7967

Square

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



13.2518, 23.3993, 3.0799



13.2518, -3.3473, 9.2763



13.2518, -14.8816, -2.1705



13.2518, 2.1560, -31.8177

Rectangle

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



13.2514, 23.4008, 3.0795



13.2518, 10.6009, 9.2763



13.2518, -14.8816, -2.1705



13.2518, -9.1617, -25.2423

Sweetspot

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



13.2518, 23.3993, 3.0799



28.2969, 9.2741, 0.4437



11.0028, 23.9704, -32.6607



13.8644, 5.0348, 0.1939



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



13.2518, 23.3993, 3.0799



17.2322, 30.3503, 4.6260



13.6471, 19.6015, 8.7518



13.0842, 0.4229, 0.5510



41.7503, 73.1523, 14.1587

Inverse Universe

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



13.2518, 23.3993, 3.0799



17.2322, 30.3503, 4.6260



22.1762, -9.9281, -6.2857



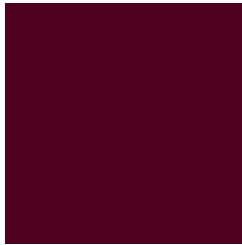
13.0842, 0.4229, 0.5510



41.7503, 73.1523, 14.1587

Previews

White Background



This preview shows how the HunterLab color 13.2514, 23.4008, 3.0795 looks on a white background.

Color Contrast Check

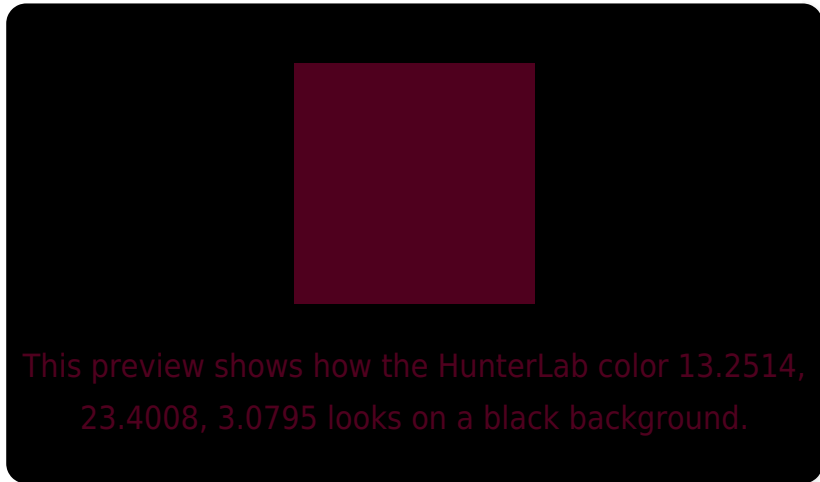
Large Text (above 18pt) WCAG AA ✓ Pass

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

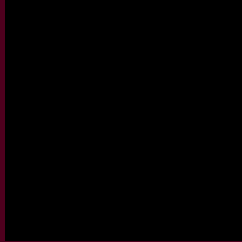
Any Text WCAG AA × Fail

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 13.2514, 23.4008, 3.0795 Background



This preview shows how black text looks on a background with the HunterLab color 13.2514, 23.4008, 3.0795.



This preview shows how white text looks on a background with the HunterLab color 13.2514, 23.4008,

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

13.2514, 23.4008, 3.0795

Protanopia

14.6647, -0.2422, -0.6019

Deuteranopia

14.7754, 0.5997, 4.9542



Tritanopia

13.8087, 18.9290, 7.4808

Trichromacy



Original Color

13.2514, 23.4008, 3.0795

Protanomaly

12.7515, 8.9733, -0.9102

Deuteranomaly

13.1900, 9.6769, 3.3587

Tritanomaly

13.5537, 20.2404, 6.2028

Monochromacy



Original Color

13.2514, 23.4008, 3.0795

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.3227, 8.5090, 0.1997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2514, 23.4008, 3.0795 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(79, 0, 30)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 30)  
}
```

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(79, 0, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2514, 23.4008, 3.0795 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(79, 0, 30) }
```

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

```
.border{ border-color:rgb(79, 0, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 0, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 30); box-shadow:4px  
4px 4px 4px rgb(79, 0, 30) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.2514, 23.4008, 3.0795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 30) }
```

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

```
.background{ background-color: rgb(79, 0,  
30) }
```

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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