

Converting Colors

HunterLab(23.3835, 25.4030,
16.3685)

Have a look what the booklet for
HunterLab(23.3835, 25.4030,
16.3685) contains.

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Color

**HunterLab(23.5246, 25.8316,
14.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	7B2500
RGB	123, 37, 0
RGB Percent	48%, 15%, 0%
CMY	0.5176, 0.8549, 1.0000
CMYK	0.00, 0.70, 1.00, 0.52
HSL	18°, 100%, 24%
HSV	18°, 100%, 48%
XYZ	8.8299, 5.5341, 0.6028
YIQ	58.4960, 63.1330, 6.7250

Conversions

Conversions Part 2

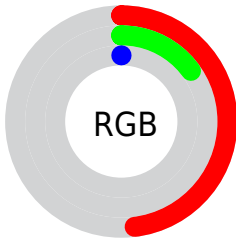
Format	Color
R_YB	123, 53, 0
Decimal	8070400
CIE Lab	28.21, 35.91, 40.01
CIE LCh	28, 53.760, 48.090
Yxy	5.5344, 0.5900, 0.3698
Android (android.graphics.Color)	4286260480 (0xFF7B2500)
YUV	58.4960, -28.8385, 56.5700
Hunter-Lab	23.5246, 25.8316, 14.9480

Details

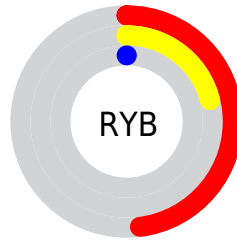
The HunterLab color **23.5246, 25.8316, 14.9480** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **28.4336, -6.4268, -21.6659**, and the grayscale version is **20.8213, -1.1110, 1.1313**.

A 20% lighter version of the original color is **41.2006, 28.5556, 21.8635**, and **10.7622, 18.4306, 6.9543** is the 20% darker color. If you saturate the color by 10%, you get **23.5252, 25.8294, 14.9483**, and if you desaturate by 10%, it is **24.8223, 22.7058, 14.8389**.

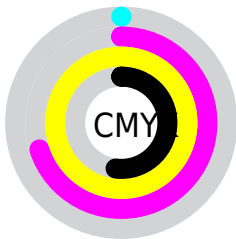
Distribution



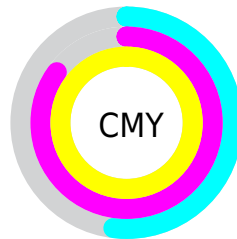
- Red (48%)
- Green (15%)
- Blue (0%)



- Red (48%)
- Yellow (21%)
- Blue (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (100%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5246, 25.8316, 14.9480 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 23.5246, 25.8316, 14.9480 by changing the saturation by 10% instead.

■ 23.5246, 25.8316,
14.9480

■ 23.5246, 25.8316,
14.9480

■ 124.4432, 35.1632,
41.6552

■ 16.0128, 24.2219,
11.2089

■ 41.1791, 28.6776,
21.9025

■ 9.5323, 22.5957,
6.6726

■ 51.1648, 29.9094,
25.0918

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.8483, 31.0242,
28.1142

0.0000, NaN, NaN

■ 73.1865, 32.0322,
31.0033

0.0000, NaN, NaN

■ 85.1436, 32.9425,
33.7843


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.6892, 33.7632,


36.4770


0.0000, NaN, NaN


 110.7967, 34.5014,
39.0965


 23.5246, 25.8316,
14.9480


 23.5246, 25.8316,
14.9480


 23.5252, 25.8294,
14.9483

 24.8223, 22.7058,
14.8389

 26.3378, 19.4334,
14.5496

 28.0663, 16.1834,
13.8975

 29.9872, 13.0355,
12.9171

 32.0795, 10.0369,
11.6521

■ 34.3240, 7.2110,
10.1465

■ 36.7030, 4.5639,
8.4398

■ 39.2013, 2.0913,
6.5653

■ 41.8057, -0.2171,
4.5507

Harmonies

Analogous

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



23.5253, 40.2393, 9.2334



23.5246, 25.8316, 14.9480



23.5253, 6.1293, 16.4677

Triad

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



23.5253, 25.8293, 14.9483



23.5253, -26.0265, 6.9942



23.5253, 10.1793, -54.3280

Complementary

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



23.5246, 25.8316, 14.9480



28.4336, -6.4268, -21.6659

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.



23.5253, -7.8304, -56.8598



23.5246, 25.8316, 14.9480



23.5253, -25.5271, -11.0434

Square

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



23.5253, 25.8293, 14.9483



23.5253, -21.4883, 14.2262



23.5253, -19.8368, -37.3863



23.5253, 29.5330, -31.8880

Rectangle

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



23.5246, 25.8316, 14.9480



23.5253, -5.8245, 16.4677



23.5253, -19.8368, -37.3863



23.5253, 3.6890, -57.9277

Sweetspot

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



23.5253, 25.8293, 14.9483



48.8752, 6.3607, 11.4707



22.1007, 40.8953, -9.3412



23.1733, 3.6759, 5.9636



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



23.5253, 25.8293, 14.9483



31.1159, 35.6014, 19.7967



36.0850, -0.9521, 22.2187



20.4781, -0.2071, 2.1210



23.9092, 26.3234, 15.1936



50.9330, 61.1765, 32.4557

Inverse Universe

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



28.4336, -6.4268, -21.6659



37.7086, -8.0904, -29.6676



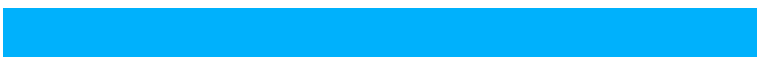
14.5201, 22.7089, -67.1707



20.7810, -1.9217, 0.0948



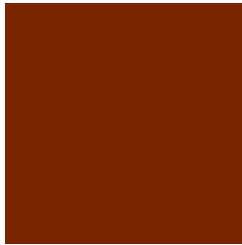
28.9031, -6.5115, -22.0698



61.8897, -12.3643, -50.6658

Previews

White Background



This preview shows how the HunterLab color 23.5246, 25.8316, 14.9480 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

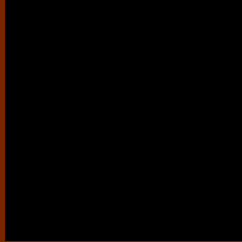
Any Text WCAG AA × Fail

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 23.5246, 25.8316, 14.9480 Background



This preview shows how black text looks on a background with the HunterLab color 23.5246, 25.8316, 14.9480.



This preview shows how white text looks on a background with the HunterLab color 23.5246, 25.8316,

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

23.5246, 25.8316, 14.9480

Protanopia

23.9606, -3.1898, 13.7663

Deuteranopia

23.9980, 0.6095, 14.7981



Tritanopia

23.6950, 28.0780, 10.9159

Trichromacy



Original Color

23.5246, 25.8316, 14.9480

Protanomaly

23.0726, 6.9934, 13.7494

Deuteranomaly

23.2057, 9.4793, 14.4652

Tritanomaly

23.6827, 27.1261, 13.0387

Monochromacy



Original Color

23.5246, 25.8316, 14.9480

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.5149, 7.2054, 7.7089

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5246, 25.8316, 14.9480 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(123, 37, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 37, 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(123, 37, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 37, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5246, 25.8316, 14.9480 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(123, 37, 0) }
```


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

```
.border{ border-color:rgb(123, 37, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 37, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 37, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 37, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 37, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5246, 25.8316, 14.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 37, 0) }
```

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

```
.background{ background-color: rgb(123, 37,  
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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