

Converting Colors

HunterLab(24.4905, 48.1138,
15.7863)

Have a look what the booklet for
HunterLab(24.4905, 48.1138,
15.7863) contains.

HunterLab(25.6587, 43.9584, 16.4476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(25.6587, 43.9584,
16.4476)**

Conversions

Conversions Part 1

Format	Color
Hex	970002
RGB	151, 0, 2
RGB Percent	59%, 0%, 1%
CMY	0.4078, 0.9999, 0.9922
CMYK	0.00, 1.00, 0.99, 0.41
HSL	359°, 100%, 30%
HSV	359°, 100%, 59%
XYZ	12.7735, 6.5837, 0.6550
YIQ	45.3770, 89.3540, 32.6340

Conversions

Conversions Part 2

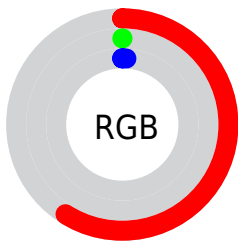
Format	Color
RYB	151, 0, 2
Decimal	9895938
CIELab	30.84, 54.21, 43.80
CIElCh	31, 69.697, 38.939
Yxy	6.5841, 0.6383, 0.3290
Android (android.graphics.Color)	4288086018 (0xFF970002)
YUV	45.3770, -21.3849, 92.6314
Hunter-Lab	25.6587, 43.9584, 16.4476

Details

The HunterLab color **25.6587, 43.9584, 16.4476** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **49.2988, -26.5546, -4.2939**, and the grayscale version is **16.3748, -0.8737, 0.8897**.

A 20% lighter version of the original color is **43.7637, 48.2359, 23.8748**, and **14.7433, 25.2484, 9.5268** is the 20% darker color. If you saturate the color by 10%, you get **25.6585, 43.9579, 16.4489**, and if you desaturate by 10%, it is **26.3904, 41.9857, 15.8142**.

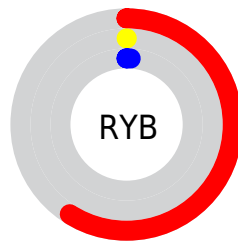
Distribution



Red (59%)

Green (0%)

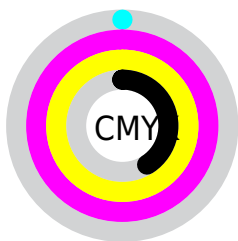
Blue (1%)



Red (59%)

Yellow (0%)

Blue (1%)

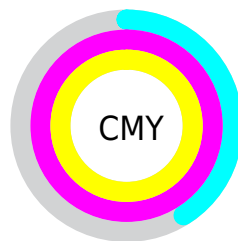


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (41%)



Cyan (41%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.6587, 43.9584, 16.4476 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 25.6587, 43.9584, 16.4476 by changing the saturation by 10% instead.

■ 25.6587, 43.9584,
16.4476

■ 25.6587, 43.9584,
16.4476

■ 128.1257, 58.7713,
45.0206

■ 17.8980, 41.9686,
12.5286

■ 43.7396, 47.9302,
23.8914

■ 11.1302, 40.3320,
7.7912

■ 53.9139, 49.7871,
27.3014

■ 3.0508, 85.3622,
2.1356

■ 64.7736, 51.5368,
30.5366

0.0000, INF, NaN

0.0000, NaN, NaN

■ 76.2782, 53.1794,
33.6300

0.0000, NaN, NaN

■ 88.3931, 54.7189,
36.6070

0.0000, NaN, NaN


0.0000, NaN, NaN

■ 101.0891, 56.1604,


39.4877


0.0000, NaN, NaN


 114.3408, 57.5094,
42.2880


 25.6587, 43.9584,
16.4476

 25.6587, 43.9584,
16.4476

 25.6585, 43.9579,
16.4489

 26.3904, 41.9857,
15.8142

 27.6085, 38.9057,
14.7885

 29.4679, 34.5699,
13.4144

 31.9357, 29.4020,
11.8363

 34.9448, 23.8258,
10.1903

■ 38.4179, 18.1550,
8.5715

■ 42.2814, 12.5766,
7.0322

■ 46.4720, 7.1812,
5.5939

■ 50.9376, 1.9982,
4.2589

Harmonies

Analogous

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



25.6595, 60.0799, 7.2070



25.6587, 43.9584, 16.4476



25.6595, 16.9239, 17.9617

Triad

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



25.6595, 43.9550, 16.4480



25.6595, -31.3449, 12.5231



25.6595, 6.0173, -87.3523

Complementary

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



25.6587, 43.9584, 16.4476



49.2988, -26.5546, -4.2939

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.



25.6595, -15.6452, -79.5109



25.6587, 43.9584, 16.4476



25.6595, -32.4459, -6.2008

Square

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



25.6595, 43.9550, 16.4480



25.6595, -24.0026, 17.9617



25.6595, -27.8646, -42.8208



25.6595, 33.5566, -59.3643

Rectangle

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



25.6587, 43.9584, 16.4476



25.6595, -0.5303, 17.9617



25.6595, -27.8646, -42.8208



25.6595, -2.2000, -89.1245

Sweetspot

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



25.6595, 43.9550, 16.4480



56.2513, 17.2836, 9.5338



29.2846, 57.7761, -40.2200



25.8395, 9.6118, 4.9206



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



25.6595, 43.9550, 16.4480



34.3342, 58.8148, 22.0586



33.6803, 21.3236, 21.1259



24.9478, 0.7872, 2.0251



23.6669, 40.5473, 15.1610



2.8990, 4.9773, 1.7754

Inverse Universe

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



25.6595, 43.9550, 16.4480



34.3342, 58.8148, 22.0586



27.7256, 4.9964, -45.4376



24.9478, 0.7872, 2.0251



23.6669, 40.5473, 15.1610



2.8990, 4.9773, 1.7754

Previews

White Background



This preview shows how the HunterLab color 25.6587, 43.9584, 16.4476 looks on a white background.

Color Contrast Check

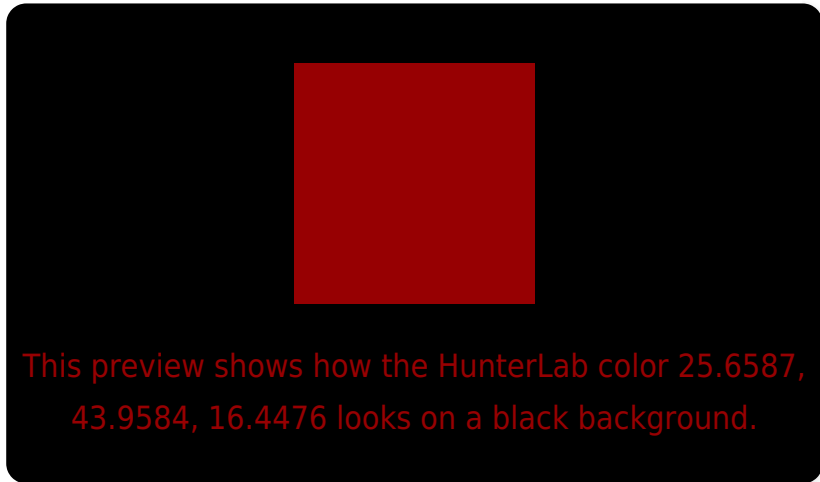
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6587, 43.9584, 16.4476 Background



This preview shows how black text looks on a background with the HunterLab color 25.6587, 43.9584, 16.4476.



This preview shows how white text looks on a background with the HunterLab color 25.6587, 43.9584,

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

25.6587, 43.9584, 16.4476

Protanopia

26.8288, -3.3814, 15.0100

Deuteranopia

26.6862, 1.0658, 16.4626

Trichromacy



Original Color

25.6587, 43.9584, 16.4476

Protanomaly

23.3623, 16.8784, 13.7249

Deuteranomaly

23.8101, 19.6935, 14.9449

Monochromacy



Original Color

25.6587, 43.9584, 16.4476

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.8886, 16.0754, 6.6074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.6587, 43.9584, 16.4476 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(151, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(151, 0, 2)  
}
```

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(151, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 0, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 25.6587, 43.9584, 16.4476 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(151, 0, 2) }
```

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

```
.border{ border-color:rgb(151, 0, 2) }
```

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

Here you see how a box with a 4 pixel rgb(151, 0, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(151, 0, 2); box-shadow:4px  
4px 4px 4px rgb(151, 0, 2) }
```


Background

The CSS property to change the background color of an element to HunterLab 25.6587, 43.9584, 16.4476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 0, 2) }
```

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

```
.background{ background-color: rgb(151, 0,  
2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor