

Converting Colors

HunterLab(24.0186, 43.6540,
-4.0246)

Have a look what the booklet for
HunterLab(24.0186, 43.6540,
-4.0246) contains.

HunterLab(24.0002, 43.6393, -4.1675)	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>	31

Color

**HunterLab(24.0002, 43.6393,
-4.1675)**

Conversions

Conversions Part 1

Format	Color
Hex	870052
RGB	135, 0, 82
RGB Percent	53%, 0%, 32%
CMY	0.4706, 0.9999, 0.6784
CMYK	0.00, 1.00, 0.39, 0.47
HSL	324°, 100%, 26%
HSV	324°, 100%, 53%
XYZ	11.5147, 5.7601, 8.4876
YIQ	49.7130, 54.1380, 54.1220

Conversions

Conversions Part 2

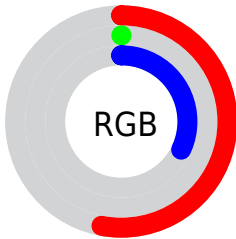
Format	Color
R_{YB}	135, 0, 82
Decimal	8847442
CIE Lab	28.80, 54.30, -8.19
CIE LCh	29, 54.918, 351.419
Yxy	5.7604, 0.4470, 0.2236
Android (android.graphics.Color)	4287037522 (0xFF870052)
YUV	49.7130, 15.9175, 74.7967
Hunter-Lab	24.0002, 43.6393, -4.1675

Details

The HunterLab color **24.0002, 43.6393, -4.1675** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **41.9347, -33.7690, 20.4841**, and the grayscale version is **17.7019, -0.9445, 0.9618**.

A 20% lighter version of the original color is **41.6553, 47.4659, -4.0644**, and **13.5611, 24.2088, 1.1279** is the 20% darker color. If you saturate the color by 10%, you get **24.0000, 43.6386, -4.1649**, and if you desaturate by 10%, it is **24.7894, 42.1257, -5.7078**.

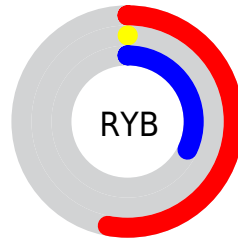
Distribution



Red (53%)

Green (0%)

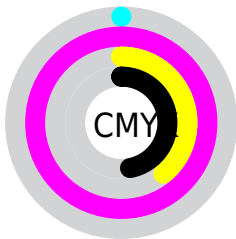
Blue (32%)



Red (53%)

Yellow (0%)

Blue (32%)

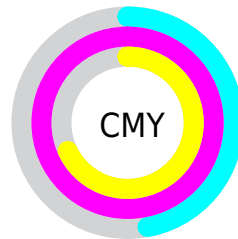


Cyan (0%)

Magenta (100%)

Yellow (39%)

Black (47%)



Cyan (47%)

Magenta (100%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0002, 43.6393, -4.1675 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 24.0002, 43.6393, -4.1675 by changing the saturation by 10% instead.

24.0002, 43.6393,
-4.1675

24.0002, 43.6393,
-4.1675

125.2700, 58.6412,
-2.0405

16.4315, 41.6830,
-4.0725

41.7516, 47.6383,
-4.1039

9.8852, 40.2140,
-3.8791

51.7802, 49.5193,
-3.9670

0.0000, INF, -NF

0.0000, INF, NaN

62.5036, 51.2940,
-3.7698

0.0000, NaN, NaN

73.8795, 52.9613,
-3.5178

0.0000, NaN, NaN

85.8724, 54.5245,
-3.2154

0.0000, NaN, NaN

0.0000, NaN, NaN

98.4521, 55.9885,

-2.8664

0.0000, NaN, NaN

111.5922, 57.3590,
-2.4739

24.0002, 43.6393,
-4.1675

24.0002, 43.6393,
-4.1675

24.0000, 43.6386,
-4.1649

24.7894, 42.1257,
-5.7078

25.9205, 39.6324,
-6.8108

27.5380, 35.8658,
-7.2298

29.6209, 31.1429,
-6.9941

32.1250, 25.8118,
-6.1968

■ 34.9978, 20.1618,
-4.9519

■ 38.1872, 14.3954,
-3.3656

■ 41.6470, 8.6362,
-1.5245

■ 45.3376, 2.9504,
0.5055

Harmonies

Analogous

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



24.0009, 32.3618, -29.7928



24.0002, 43.6393, -4.1675



24.0009, 40.3790, 10.5128

Triad

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



24.0009, 43.6369, -4.1666



24.0009, -12.6968, 16.8006



24.0009, -19.3323, -41.5480

Complementary

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



24.0002, 43.6393, -4.1675



41.9347, -33.7690, 20.4841

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.



24.0009, -25.8171, -14.1670



24.0002, 43.6393, -4.1675



24.0009, -22.8499, 14.1288

Square

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



24.0009, 43.6369, -4.1666



24.0009, 4.1252, 16.8006



24.0009, -26.8798, 5.7332



24.0009, -6.2490, -59.7307

Rectangle

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



24.0002, 43.6393, -4.1675



24.0009, 30.7220, 14.4995



24.0009, -26.8798, 5.7332



24.0009, -22.1734, -32.4534

Sweetspot

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



24.0009, 43.6369, -4.1666



50.7989, 19.7922, -4.6608



15.7267, 38.0497, -76.0584



23.6750, 10.8907, -2.6354



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



24.0009, 43.6369, -4.1666



32.0671, 58.2174, -4.8714



22.7770, 39.1638, 13.4687



21.7547, 1.1700, 0.3291



23.0524, 41.9259, -4.0805



1.4089, 2.6536, -0.9570

Inverse Universe

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



24.0009, 43.6369, -4.1666



32.0671, 58.2174, -4.8714



43.2042, -25.9913, 2.1075



21.7547, 1.1700, 0.3291



23.0524, 41.9259, -4.0805



1.4089, 2.6536, -0.9570

Previews

White Background



This preview shows how the HunterLab color 24.0002, 43.6393, -4.1675 looks on a white background.

Color Contrast Check

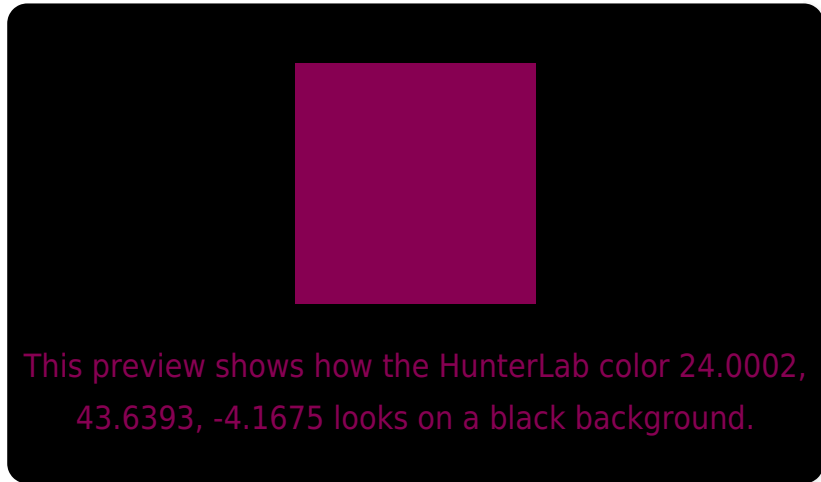
Large Text (above 18pt) WCAG AA ✓ Pass

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

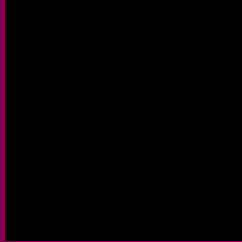
Any Text WCAG AA × Fail

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 24.0002, 43.6393, -4.1675 Background



This preview shows how black text looks on a background with the HunterLab color 24.0002, 43.6393, -4.1675.



This preview shows how white text looks on a background with the HunterLab color 24.0002, 43.6393, -4.1675.

-4.1675.

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

24.0002, 43.6393, -4.1675

Protanopia

25.3345, 4.1134, -24.4283

Deuteranopia

25.1288, 1.5797, -0.6208



Tritanopia

24.5934, 31.7683, 12.2417

Trichromacy



Original Color

24.0002, 43.6393, -4.1675

Protanomaly

21.6576, 19.5276, -22.8998

Deuteranomaly

22.1197, 19.4377, -5.3494

Tritanomaly

23.9288, 36.6041, 7.6253

Monochromacy



Original Color

24.0002, 43.6393, -4.1675

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.6922, 17.2583, -4.0688

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0002, 43.6393, -4.1675 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(135, 0, 82)` looks like.

```
.text, #text, p{  
  color:rgb(135, 0, 82)  
}
```

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(135, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 0, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0002, 43.6393, -4.1675 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(135, 0, 82) }
```


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

```
.border{ border-color:rgb(135, 0, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 0, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(135, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.0002, 43.6393, -4.1675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 0, 82) }
```

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

```
.background{ background-color: rgb(135, 0,  
82) }
```

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