

Converting Colors

HunterLab(10.9935, 29.4677,
-75.3834)

Have a look what the booklet for
HunterLab(10.9935, 29.4677,
-75.3834) contains.

HunterLab(10.9935, 29.4677, -75.3834)	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(10.9935, 29.4677,
-75.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	060070
RGB	6, 0, 112
RGB Percent	2%, 0%, 44%
CMY	0.9764, 1.0000, 0.5608
CMYK	0.95, 1.00, 0.00, 0.56
HSL	243°, 100%, 22%
HSV	243°, 100%, 44%
XYZ	2.9997, 1.2086, 15.4044
YIQ	14.5620, -32.3760, 36.1040

Conversions

Conversions Part 2

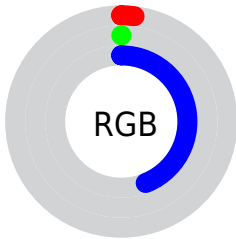
Format	Color
R_{YB}	6, 0, 112
Decimal	393328
CIE _{Lab}	10.62, 43.27, -58.32
CIE _{LCh}	11, 72.614, 306.573
Yxy	1.2087, 0.1530, 0.0616
Android (android.graphics.Color)	4278583408 (0xFF060070)
YUV	14.5620, 48.0369, -7.5089
Hunter-Lab	10.9935, 29.4677, -75.3834

Details

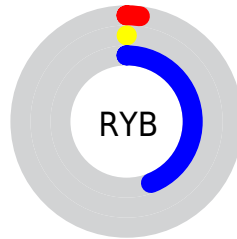
The HunterLab color **10.9935, 29.4677, -75.3834** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **38.2777, -12.2548, 23.3720**, and the grayscale version is **6.6619, -0.3555, 0.3620**.

A 20% lighter version of the original color is **25.4809, 32.9769, -66.5506**, and **6.5927, 13.1805, -36.6933** is the 20% darker color. If you saturate the color by 10%, you get **10.9939, 29.4680, -75.3806**, and if you desaturate by 10%, it is **12.3670, 25.5683, -65.4235**.

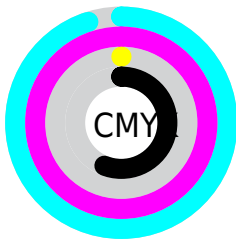
Distribution



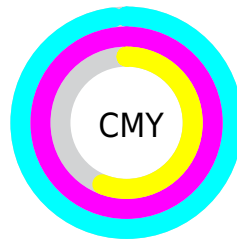
- Red (2%)
- Green (0%)
- Blue (44%)



- Red (2%)
- Yellow (0%)
- Blue (44%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (98%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.9935, 29.4677, -75.3834 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 10.9935, 29.4677, -75.3834 by changing the saturation by 10% instead.

■ 10.9935, 29.4677,
-75.3834

■ 10.9935, 29.4677,
-75.3834

■ 100.8042, 42.6877,
-69.1428

■ 2.6221, 73.9496,
-200.6266

■ 25.4792, 33.0045,
-66.6658

0.0000, INF, -NF

0.0000, NaN, -NF

■ 34.1020, 34.7274,
-65.8565

0.0000, NaN, -NF

■ 43.5242, 36.3352,
-65.8294

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.6828, 37.8227,
-66.2129

0.0000, NaN, NaN


■ 64.5280, 39.1943,
-66.8194


0.0000, NaN, NaN


■ 76.0188, 40.4573,


0.0000, NaN, NaN


-67.5459


 88.1206, 41.6193,
-68.3325


 10.9935, 29.4677,
-75.3834


 10.9935, 29.4677,
-75.3834


 10.9939, 29.4680,
-75.3806

 12.3670, 25.5683,
-65.4235

 14.1243, 21.7492,
-55.2639

 16.4305, 17.7181,
-44.8816

 19.1566, 13.9384,
-35.3963

 22.1996, 10.5433,
-27.0772

■ 25.4862, 7.5152,
-19.8254

■ 28.9655, 4.7915,
-13.4454

■ 32.6022, 2.3077,
-7.7479

■ 36.3709, 0.0089,
-2.5774

Harmonies

Analogous

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



10.9939, 3.7672, -113.0102



10.9935, 29.4677, -75.3834



10.9939, 54.4223, -22.9832

Triad

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



10.9939, 29.4680, -75.3806



10.9939, 17.3300, 7.6957



10.9939, -19.2393, -3.9983

Complementary

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



10.9935, 29.4677, -75.3834



38.2777, -12.2548, 23.3720

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.



10.9939, -19.2393, 7.6957



10.9935, 29.4677, -75.3834



10.9939, -4.3543, 7.6957

Square

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



10.9939, 29.4680, -75.3806



10.9939, 44.7514, 7.6957



10.9939, -18.2431, 7.6957



10.9939, -19.2393, -44.3386

Rectangle

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



10.9935, 29.4677, -75.3834



10.9939, 61.7896, -1.6112



10.9939, -18.2431, 7.6957



10.9939, -19.2393, 2.4273

Sweetspot

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



10.9939, 29.4680, -75.3806



38.0211, 6.6221, -18.4499



34.0009, -16.8726, -6.0751



17.8887, 3.8085, -10.3537



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



10.9939, 29.4680, -75.3806



14.5103, 39.0123, -100.4123



14.7686, 33.2126, -51.8593



18.1885, -0.1050, -1.0319



11.8065, 31.6736, -81.1646



26.1242, 70.5262, -183.0212

Inverse Universe

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



21.1781, 41.1804, -24.3942



28.0597, 54.5458, -32.1988



35.0381, -24.9964, 21.1527



18.5756, 1.1933, -0.3926



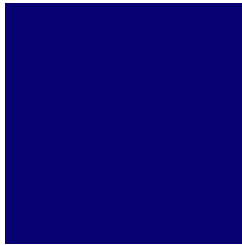
22.7684, 44.2691, -26.1983



50.7765, 98.6633, -57.9410

Previews

White Background



This preview shows how the HunterLab color 10.9935, 29.4677, -75.3834 looks on a white background.

Color Contrast Check

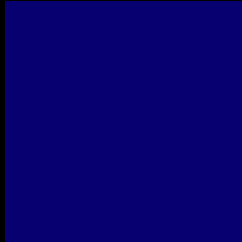
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 10.9935, 29.4677, -75.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

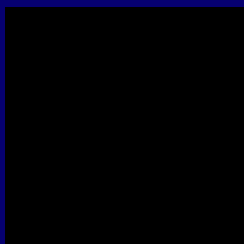
Any Text WCAG AA × Fail

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 10.9935, 29.4677, -75.3834 Background



This preview shows how black text looks on a background with the HunterLab color 10.9935, 29.4677, -75.3834.



This preview shows how white text looks on a background with the HunterLab color 10.9935, 29.4677, -75.3834.

-75.3834.

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

10.9935, 29.4677, -75.3834

Protanopia

12.3182, 1.8896, -19.4759

Deuteranopia

12.2782, -1.6463, -11.7929



Tritanopia

12.3803, -6.3921, -1.6757

Trichromacy



Original Color

10.9935, 29.4677, -75.3834

Protanomaly

10.9778, 12.2180, -39.4389

Deuteranomaly

10.6620, 9.5862, -33.3435

Tritanomaly

10.2933, 5.1381, -23.2562

Monochromacy



Original Color

10.9935, 29.4677, -75.3834

Achromatopsia

6.9116, -0.3688, 0.3755

Achromatomaly

7.2494, 7.8954, -20.0747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.9935, 29.4677, -75.3834 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(6, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(6, 0, 112)  
}
```

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(6, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 0, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 10.9935, 29.4677, -75.3834 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(6, 0, 112) }
```


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

```
.border{ border-color:rgb(6, 0, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 0, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 0, 112); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 0, 112); box-shadow:4px  
4px 4px 4px rgb(6, 0, 112) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.9935, 29.4677, -75.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 0, 112) }
```

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

```
.background{ background-color: rgb(6, 0,  
112) }
```

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