

Converting Colors

HunterLab(13.3389, 66.2329,
-170.0423)

Have a look what the booklet for
HunterLab(13.3389, 66.2329,
-170.0423) contains.

HunterLab(17.5930, 47.7211, -125.0059)	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(17.5930, 47.7211,
-125.0059)**

Conversions

Conversions Part 1

Format	Color
Hex	0000AF
RGB	0, 0, 175
RGB Percent	0%, 0%, 69%
CMY	0.9999, 1.0000, 0.3137
CMYK	1.00, 1.00, 0.00, 0.31
HSL	240°, 100%, 34%
HSV	240°, 100%, 69%
XYZ	7.7378, 3.0951, 40.7470
YIQ	19.9500, -56.1750, 54.4250

Conversions

Conversions Part 2

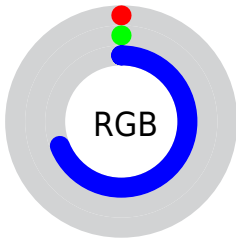
Format	Color
R_{YB}	0, 0, 175
Decimal	175
CIE _{Lab}	20.42, 59.72, -81.33
CIE _{LCh}	20, 100.899, 306.288
Yxy	3.0954, 0.1500, 0.0600
Android (android.graphics.Color)	4278190255 (0xFF0000AF)
YUV	19.9500, 76.4397, -17.4962
Hunter-Lab	17.5930, 47.7211, -125.0059

Details

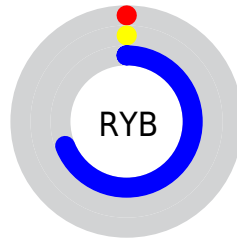
The HunterLab color **17.5930, 47.7211, -125.0059** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **63.0636, -16.9503, 38.5628**, and the grayscale version is **8.1460, -0.4346, 0.4426**.

A 20% lighter version of the original color is **33.9865, 51.6919, -111.3361**, and **11.7494, 31.8702, -83.4842** is the 20% darker color. If you saturate the color by 10%, you get **17.5936, 47.7216, -125.0010**, and if you desaturate by 10%, it is **19.0679, 43.2713, -113.6032**.

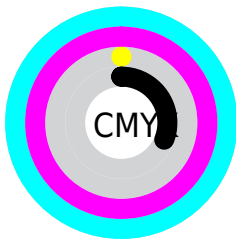
Distribution



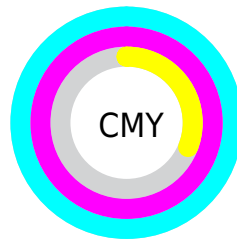
- Red (0%)
- Green (0%)
- Blue (69%)



- Red (0%)
- Yellow (0%)
- Blue (69%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5930, 47.7211, -125.0059 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 17.5930, 47.7211, -125.0059 by changing the saturation by 10% instead.

■ 17.5930, 47.7211,
-125.0059

■ 17.5930, 47.7211,
-125.0059

■ 113.7748, 64.5916,
-110.5174

■ 10.8707, 46.3017,
-144.0331

■ 33.9222, 51.8449,
-111.7971

■ 2.1610, 135.8029,
-490.6849

■ 43.3291, 53.9457,
-109.5781

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.4736, 55.9688,
-108.5880

0.0000, NaN, -NF

■ 64.3055, 57.8948,
-108.3317

0.0000, NaN, -NF

■ 75.7838, 59.7181,
-108.5330

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.8737, 61.4395,


-109.0273


0.0000, NaN, NaN

 100.5460, 63.0625,
-109.7112


 17.5930, 47.7211,
-125.0059


 17.5930, 47.7211,
-125.0059


 17.5936, 47.7216,
-125.0010

 19.0679, 43.2713,
-113.6032

 21.5754, 36.9751,
-97.5114

 25.1794, 29.8866,
-79.4622

 29.6282, 23.1894,
-62.4983

 34.7044, 17.2703,
-47.6025

■ 40.2522, 12.1153,
-34.7245

■ 46.1652, 7.5902,
-23.5084

■ 52.3712, 3.5540,
-13.5826

■ 58.8197, -0.1106,
-4.6394

Harmonies

Analogous

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



17.5936, 5.8177, -186.6421



17.5930, 47.7211, -125.0059



17.5936, 88.8436, -38.3489

Triad

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



17.5936, 47.7216, -125.0010



17.5936, 28.7019, 12.3155



17.5936, -30.7889, -6.1556

Complementary

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



17.5930, 47.7211, -125.0059



63.0636, -16.9503, 38.5628

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.



17.5936, -30.7889, 12.3155



17.5930, 47.7211, -125.0059



17.5936, -6.8097, 12.3155

Square

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



17.5936, 47.7216, -125.0010



17.5936, 73.6337, 12.3155



17.5936, -23.7774, 12.3155



17.5936, -29.1306, -72.0245

Rectangle

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



17.5930, 47.7211, -125.0059



17.5936, 101.2010, -2.9685



17.5936, -23.7774, 12.3155



17.5936, -30.7889, 4.1464

Sweetspot

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



17.5936, 47.7216, -125.0010



61.3609, 10.4540, -32.1921



58.0992, -30.8014, -6.1276



27.3664, 6.0729, -18.0078



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



17.5936, 47.7216, -125.0010



23.5448, 63.8640, -167.2866



22.6838, 52.4910, -91.1111



27.8519, -0.1675, -1.8988



14.8886, 40.3842, -105.7807



2.4837, 6.7360, -17.6393

Inverse Universe

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



34.9397, 68.6900, -46.0623



46.7587, 91.9254, -61.6431



57.1930, -39.8293, 34.5448



28.5448, 2.1808, -0.9674



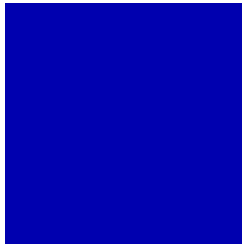
29.5676, 58.1286, -38.9802



4.9317, 9.6956, -6.5026

Previews

White Background



This preview shows how the HunterLab color 17.5930, 47.7211, -125.0059 looks on a white background.

Color Contrast Check

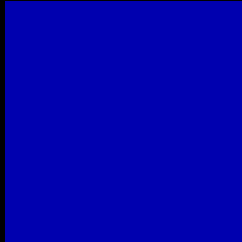
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5930, 47.7211, -125.0059 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 17.5930, 47.7211, -125.0059 Background



This preview shows how black text looks on a background with the HunterLab color 17.5930, 47.7211, -125.0059.



This preview shows how white text looks on a background with the HunterLab color 17.5930, 47.7211, -125.0059.

-125.0059.

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

17.5930, 47.7211, -125.0059

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.6754, -1.5752, -19.9422



Tritanopia

18.6141, -9.4998, -2.7587

Trichromacy



Original Color

17.5930, 47.7211, -125.0059

Protanomaly

16.4285, 22.1143, -68.2726

Deuteranomaly

16.1468, 17.2212, -57.3577

Tritanomaly

15.3151, 9.2290, -39.0654

Monochromacy



Original Color

17.5930, 47.7211, -125.0059

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

9.4616, 13.8993, -36.7728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5930, 47.7211, -125.0059 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(0, 0, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 175)  
}
```

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(0, 0, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5930, 47.7211, -125.0059 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(0, 0, 175) }
```


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

```
.border{ border-color:rgb(0, 0, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 175); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 175); box-shadow:4px  
4px 4px 4px rgb(0, 0, 175) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.5930, 47.7211, -125.0059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 175) }
```

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

```
.background{ background-color: rgb(0, 0,  
175) }
```

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