

Converting Colors

HunterLab(13.1624, 55.6375,
-70.6303)

Have a look what the booklet for
HunterLab(13.1624, 55.6375,
-70.6303) contains.

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Color

**HunterLab(17.0075, 37.0990,
-50.8161)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0078
RGB	76, 0, 120
RGB Percent	30%, 0%, 47%
CMY	0.7020, 1.0000, 0.5294
CMYK	0.37, 1.00, 0.00, 0.53
HSL	278°, 100%, 24%
HSV	278°, 100%, 47%
XYZ	6.3706, 2.8926, 17.9918
YIQ	36.4040, 6.7760, 53.4320

Conversions

Conversions Part 2

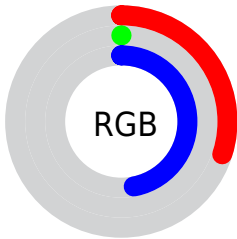
Format	Color
R_{YB}	76, 0, 120
Decimal	4980856
CIE _{Lab}	19.61, 49.62, -48.36
CIE _{LCh}	20, 69.284, 315.740
Yxy	2.8926, 0.2337, 0.1061
Android (android.graphics.Color)	4283170936 (0xFF4C0078)
YUV	36.4040, 41.2128, 34.7257
Hunter-Lab	17.0075, 37.0990, -50.8161

Details

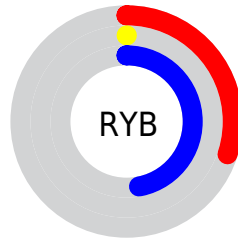
The HunterLab color **17.0075, 37.0990, -50.8161** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **37.3743, -28.3666, 22.5333**, and the grayscale version is **13.2825, -0.7087, 0.7217**.

A 20% lighter version of the original color is **33.1582, 40.8349, -49.5458**, and **8.1352, 19.3672, -36.8780** is the 20% darker color. If you saturate the color by 10%, you get **17.0078, 37.0993, -50.8152**, and if you desaturate by 10%, it is **18.2812, 35.0281, -45.7518**.

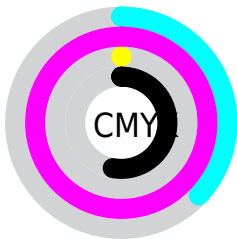
Distribution



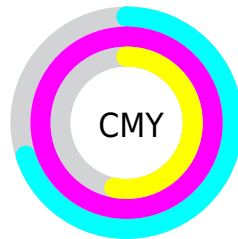
- Red (30%)
- Green (0%)
- Blue (47%)



- Red (30%)
- Yellow (0%)
- Blue (47%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0075, 37.0990, -50.8161 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 17.0075, 37.0990, -50.8161 by changing the saturation by 10% instead.

17.0075, 37.0990,
-50.8161

17.0075, 37.0990,
-50.8161

112.6789, 51.5070,
-54.2811

10.3728, 35.4458,
-54.3269

33.1915, 40.9390,
-49.7134

0.0000, INF, -NF

0.0000, NaN, -NF

42.5359, 42.7702,
-50.0979

0.0000, NaN, NaN

52.6224, 44.4926,
-50.6955

0.0000, NaN, NaN

63.4001, 46.1026,
-51.3921

0.0000, NaN, NaN

0.0000, NaN, NaN

74.8271, 47.6031,
-52.1266

0.0000, NaN, NaN

86.8686, 48.9998,

-52.8649

■ 99.4944, 50.2991,
-53.5871

■ 17.0075, 37.0990,
-50.8161

■ 17.0075, 37.0990,
-50.8161

■ 17.0078, 37.0993,
-50.8152

■ 18.2812, 35.0281,
-45.7518

■ 19.8276, 32.3269,
-40.3514

■ 21.7983, 28.6748,
-34.3975

■ 24.1425, 24.4585,
-28.3337

■ 26.8039, 19.9750,
-22.4393

■ 29.7306, 15.4110,
-16.8467

■ 32.8788, 10.8675,
-11.5931

■ 36.2137, 6.3912,
-6.6657

■ 39.7075, 1.9979,
-2.0300

Harmonies

Analogous

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



17.0078, 11.0426, -87.7860



17.0075, 37.0990, -50.8161



17.0078, 55.9490, -11.0121

Triad

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



17.0078, 37.0993, -50.8152



17.0078, 9.8272, 11.9054



17.0078, -25.1945, -12.5596

Complementary

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



17.0075, 37.0990, -50.8161



37.3743, -28.3666, 22.5333

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.



17.0078, -25.3131, 7.7728



17.0075, 37.0990, -50.8161



17.0078, -10.2634, 11.9054

Square

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



17.0078, 37.0993, -50.8152



17.0078, 35.8580, 11.9054



17.0078, -20.8215, 11.9054



17.0078, -20.4908, -53.0086

Rectangle

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



17.0075, 37.0990, -50.8161



17.0078, 58.0492, 4.2395



17.0078, -20.8215, 11.9054



17.0078, -25.7711, -3.2270

Sweetspot

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



17.0078, 37.0993, -50.8152



43.2883, 14.8529, -15.8719



17.7692, 12.0076, -48.1310



20.3681, 8.2291, -8.8655



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



17.0078, 37.0993, -50.8152



22.3844, 48.9888, -68.1298



22.3440, 42.7378, -20.2357



20.0188, 0.8005, -0.8099



17.7413, 38.7209, -53.1742



38.1037, 83.7733, -118.9384

Inverse Universe

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



20.4326, 35.8813, 6.3047



27.0534, 47.4228, 9.0076



36.7020, -31.1081, 21.2791



20.0925, 0.8483, 0.8479



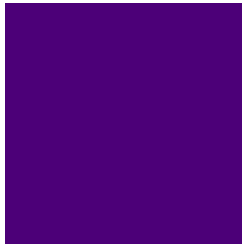
21.3354, 37.4552, 6.6731



46.4350, 81.2067, 16.9416

Previews

White Background



This preview shows how the HunterLab color 17.0075, 37.0990, -50.8161 looks on a white background.

Color Contrast Check

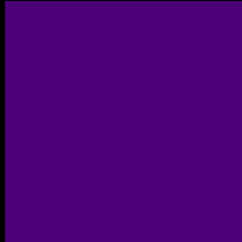
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0075, 37.0990, -50.8161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

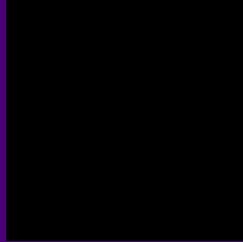
Any Text WCAG AA × Fail

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 17.0075, 37.0990, -50.8161 Background



This preview shows how black text looks on a background with the HunterLab color 17.0075, 37.0990, -50.8161.



This preview shows how white text looks on a background with the HunterLab color 17.0075, 37.0990,

-50.8161.

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

17.0075, 37.0990, -50.8161

Protanopia

17.8776, 4.6285, -32.3372

Deuteranopia

18.1229, -0.9990, -20.4955



Tritanopia

18.1313, 3.5033, 1.3661

Trichromacy



Original Color

17.0075, 37.0990, -50.8161

Protanomaly

15.3383, 17.1868, -47.2708

Deuteranomaly

15.2660, 13.0380, -38.1818

Tritanomaly

16.2168, 16.1886, -14.0611

Monochromacy



Original Color

17.0075, 37.0990, -50.8161

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1219, 13.5579, -15.6705

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0075, 37.0990, -50.8161 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(76, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 120)  
}
```

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(76, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0075, 37.0990, -50.8161 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(76, 0, 120) }
```


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

```
.border{ border-color:rgb(76, 0, 120) }
```

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

Here you see how a box with a 4 pixel rgb(76, 0, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(76, 0, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0075, 37.0990, -50.8161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 120) }
```

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

```
.background{ background-color: rgb(76, 0,  
120) }
```

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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