

Converting Colors

HunterLab(13.9010, 47.3949,
7.1633)

Have a look what the booklet for
HunterLab(13.9010, 47.3949,
7.1633) contains.

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Color

**HunterLab(17.7940, 30.7002,
9.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0011
RGB	107, 0, 17
RGB Percent	42%, 0%, 7%
CMY	0.5804, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.84, 0.58
HSL	350°, 100%, 21%
HSV	350°, 100%, 42%
XYZ	6.1646, 3.1663, 0.8166
YIQ	33.9310, 58.3150, 27.9710

Conversions

Conversions Part 2

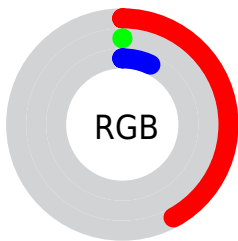
Format	Color
R_{YB}	107, 0, 17
Decimal	7012369
CIE Lab	20.70, 42.71, 24.01
CIE LCh	21, 48.992, 29.342
Yxy	3.1665, 0.6075, 0.3120
Android (android.graphics.Color)	4285202449 (0xFF6B0011)
YUV	33.9310, -8.3470, 64.0815
Hunter-Lab	17.7940, 30.7002, 9.7350

Details

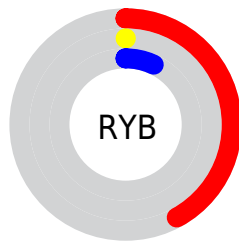
The HunterLab color **17.7940, 30.7002, 9.7350** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **33.5465, -20.9082, 3.2057**, and the grayscale version is **12.6401, -0.6744, 0.6868**.

A 20% lighter version of the original color is **34.1359, 34.2564, 14.4474**, and **8.7251, 14.9922, 5.2485** is the 20% darker color. If you saturate the color by 10%, you get **17.7939, 30.6998, 9.7361**, and if you desaturate by 10%, it is **18.5286, 28.9050, 8.7959**.

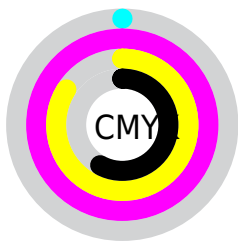
Distribution



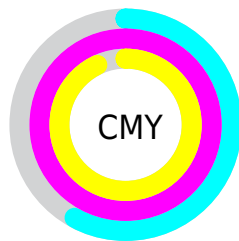
- Red (42%)
- Green (0%)
- Blue (7%)



- Red (42%)
- Yellow (0%)
- Blue (7%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7940, 30.7002, 9.7350 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 17.7940, 30.7002, 9.7350 by changing the saturation by 10% instead.

17.7940, 30.7002,
9.7350

17.7940, 30.7002,
9.7350

114.1487, 42.9831,
27.9368

11.0420, 28.9642,
7.7294

34.1721, 34.1892,
14.4482

2.7810, 68.7486,
1.9467

43.6002, 35.7759,
16.5772

0.0000, INF, NaN

0.0000, NaN, NaN

53.7643, 37.2418,
18.6057

0.0000, NaN, NaN

64.6147, 38.5917,
20.5600

0.0000, NaN, NaN

76.1103, 39.8332,
22.4585

0.0000, NaN, NaN


0.0000, NaN, NaN


88.2168, 40.9742,


24.3146


0.0000, NaN, NaN


 100.9047, 42.0219,
26.1382


 17.7940, 30.7002,
9.7350


 17.7940, 30.7002,
9.7350


 17.7939, 30.6998,
9.7361

 18.5286, 28.9050,
8.7959

 19.4902, 26.7275,
7.6400

 20.8485, 23.7685,
6.4856

 22.5762, 20.2893,
5.4199

 24.6304, 16.5366,
4.4946

■ 26.9653, 12.6923,
3.7290

■ 29.5381, 8.8687,
3.1205

■ 32.3119, 5.1245,
2.6553

■ 35.2564, 1.4838,
2.3155

Harmonies

Analogous

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



17.7946, 36.6823, 0.6593



17.7940, 30.7002, 9.7350



17.7946, 15.7311, 12.4562

Triad

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



17.7946, 30.6979, 9.7353



17.7946, -19.2227, 9.9624



17.7946, -1.2715, -51.7041

Complementary

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



17.7940, 30.7002, 9.7350



33.5465, -20.9082, 3.2057

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.



17.7946, -13.1141, -40.6694



17.7940, 30.7002, 9.7350



17.7946, -21.2097, 1.2724

Square

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



17.7946, 30.6979, 9.7353



17.7946, -12.7154, 12.4562



17.7946, -19.3953, -17.6958



17.7946, 14.9868, -41.5249

Rectangle

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



17.7940, 30.7002, 9.7350



17.7946, 4.5405, 12.4562



17.7946, -19.3953, -17.6958



17.7946, -5.8470, -50.2712

Sweetspot

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



17.7946, 30.6979, 9.7353



39.2203, 12.3028, 4.2376



17.8715, 36.5419, -34.4945



18.7442, 6.8517, 2.2044



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



17.7946, 30.6979, 9.7353



23.7827, 40.9766, 13.4454



20.8994, 20.5171, 13.2365



17.6746, 0.5546, 1.1365



19.6175, 33.8289, 10.8685



44.1839, 75.9959, 25.9953

Inverse Universe

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



17.7946, 30.6979, 9.7353



23.7827, 40.9766, 13.4454



23.6875, -4.3128, -20.2956



17.6746, 0.5546, 1.1365



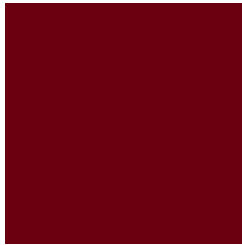
19.6175, 33.8289, 10.8685



44.1839, 75.9959, 25.9953

Previews

White Background



This preview shows how the HunterLab color 17.7940, 30.7002, 9.7350 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

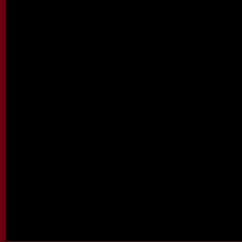
Any Text WCAG AA × Fail

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 17.7940, 30.7002, 9.7350 Background



This preview shows how black text looks on a background with the HunterLab color 17.7940, 30.7002, 9.7350.



This preview shows how white text looks on a background with the HunterLab color 17.7940, 30.7002,

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

17.7940, 30.7002, 9.7350

Protanopia

19.1784, -2.0991, 8.5753

Deuteranopia

18.9705, 0.4232, 11.6072



Tritanopia

18.2836, 28.2597, 11.7610

Trichromacy



Original Color

17.7940, 30.7002, 9.7350

Protanomaly

16.6844, 11.3206, 7.5984

Deuteranomaly

16.8588, 13.2144, 9.9127

Tritanomaly

18.0809, 29.1855, 11.0873

Monochromacy



Original Color

17.7940, 30.7002, 9.7350

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.8443, 11.1674, 3.0389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7940, 30.7002, 9.7350 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(107, 0, 17)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 17)  
}
```

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(107, 0, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7940, 30.7002, 9.7350 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(107, 0, 17) }
```


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

```
.border{ border-color:rgb(107, 0, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 0, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 17);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7940, 30.7002, 9.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 17) }
```

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

```
.background{ background-color: rgb(107, 0,  
17) }
```

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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