

Converting Colors

HunterLab(18.9715, 41.2059,
-9.5181)

Have a look what the booklet for
HunterLab(18.9715, 41.2059,
-9.5181) contains.

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Color

**HunterLab(20.1160, 37.1128,
-7.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	71004D
RGB	113, 0, 77
RGB Percent	44%, 0%, 30%
CMY	0.5569, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.32, 0.56
HSL	319°, 100%, 22%
HSV	319°, 100%, 44%
XYZ	8.1496, 4.0465, 7.3727
YIQ	42.5650, 42.6310, 47.9030

Conversions

Conversions Part 2

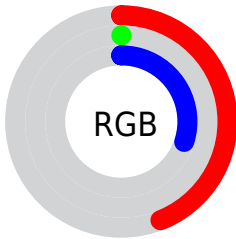
Format	Color
RYB	113, 0, 77
Decimal	7405645
CIELab	23.83, 48.82, -12.85
CIELCh	24, 50.484, 345.250
Yxy	4.0468, 0.4165, 0.2068
Android (android.graphics.Color)	4285595725 (0xFF71004D)
YUV	42.5650, 16.9765, 61.7715
Hunter-Lab	20.1160, 37.1128, -7.6492

Details

The HunterLab color **20.1160, 37.1128, -7.6492** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **34.5511, -28.3103, 17.9291**, and the grayscale version is **15.3388, -0.8184, 0.8334**.

A 20% lighter version of the original color is **36.8941, 40.9297, -8.2701**, and **10.4972, 19.0227, -1.3255** is the 20% darker color. If you saturate the color by 10%, you get **20.1159, 37.1125, -7.6477**, and if you desaturate by 10%, it is **20.8455, 35.4803, -8.4526**.

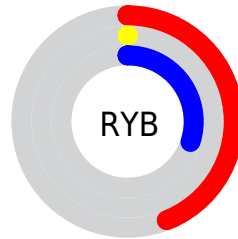
Distribution



Red (44%)

Green (0%)

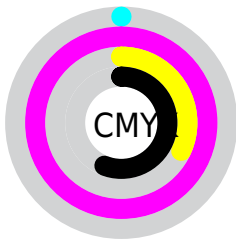
Blue (30%)



Red (44%)

Yellow (0%)

Blue (30%)

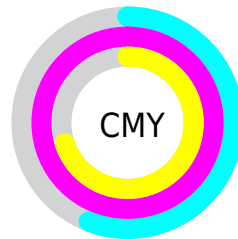


Cyan (0%)

Magenta (100%)

Yellow (32%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1160, 37.1128, -7.6492 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 20.1160, 37.1128, -7.6492 by changing the saturation by 10% instead.

20.1160, 37.1128,
-7.6492

20.1160, 37.1128,
-7.6492

118.4003, 50.9708,
-7.4934

13.0375, 35.2838,
-7.3107

37.0375, 40.8943,
-8.0827

6.5077, 39.1033,
-8.3478

46.7018, 42.6550,
-8.1824

0.0000, INF, -NF

57.0854, 44.3026,
-8.2122

0.0000, NaN, NaN

68.1415, 45.8381,
-8.1779

0.0000, NaN, NaN

79.8316, 47.2663,
-8.0847

0.0000, NaN, NaN

92.1228, 48.5936,

0.0000, NaN, NaN

-7.9372

0.0000, NaN, NaN

104.9872, 49.8264,
-7.7390

20.1160, 37.1128,
-7.6492

20.1160, 37.1128,
-7.6492

20.1159, 37.1125,
-7.6477

20.8455, 35.4803,
-8.4526

21.7977, 33.2363,
-8.9130

23.1321, 29.9923,
-8.7745

24.8311, 26.0028,
-8.0940

26.8608, 21.5388,
-6.9697

■ 29.1810, 16.8251,
-5.5063

■ 31.7520, 12.0197,
-3.7950

■ 34.5383, 7.2207,
-1.9066

■ 37.5092, 2.4819,
0.1070

Harmonies

Analogous

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



20.1166, 25.0873, -31.3101



20.1160, 37.1128, -7.6492



20.1166, 36.9990, 7.2661

Triad

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



20.1166, 37.1110, -7.6484



20.1166, -8.3976, 14.0816



20.1166, -18.1872, -31.7178

Complementary

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



20.1160, 37.1128, -7.6492



34.5511, -28.3103, 17.9291

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.



20.1166, -22.6623, -7.9900



20.1160, 37.1128, -7.6492



20.1166, -18.3036, 12.9407

Square

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



20.1166, 37.1110, -7.6484



20.1166, 7.1805, 14.0816



20.1166, -22.6972, 7.1080



20.1166, -8.1813, -50.9672

Rectangle

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



20.1160, 37.1128, -7.6492



20.1166, 29.8944, 11.6208



20.1166, -22.6972, 7.1080



20.1166, -20.2318, -23.4436

Sweetspot

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



20.1166, 37.1110, -7.6484



42.1989, 16.6071, -5.2740



12.5051, 30.9448, -65.8245



19.7492, 8.9821, -2.9014



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.



20.1166, 37.1110, -7.6484



26.8734, 49.5016, -9.6116



18.8787, 32.6088, 10.0175



18.5371, 0.9869, 0.1536



21.4160, 39.4963, -8.0271



47.6290, 87.5442, -15.5644

Inverse Universe

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



20.1166, 37.1110, -7.6484



26.8734, 49.5016, -9.6116



35.4796, -22.5980, 4.4371



18.5371, 0.9869, 0.1536



21.4160, 39.4963, -8.0271



47.6290, 87.5442, -15.5644

Previews

White Background



This preview shows how the HunterLab color 20.1160, 37.1128, -7.6492 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

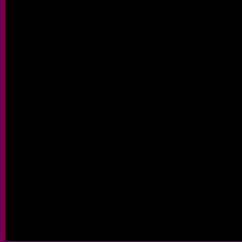
Any Text WCAG AA × Fail

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 20.1160, 37.1128, -7.6492 Background



This preview shows how black text looks on a background with the HunterLab color 20.1160, 37.1128, -7.6492.



This preview shows how white text looks on a background with the HunterLab color 20.1160, 37.1128, -7.6492.

-7.6492.

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

20.1160, 37.1128, -7.6492

Protanopia

21.4733, 4.5798, -27.4194

Deuteranopia

21.4194, 1.3349, -3.7487



Tritanopia

20.8514, 24.7641, 9.3965

Trichromacy



Original Color

20.1160, 37.1128, -7.6492

Protanomaly

18.2341, 16.5242, -26.0480

Deuteranomaly

18.9370, 16.2279, -8.3307

Tritanomaly

20.1461, 29.6186, 4.7029

Monochromacy



Original Color

20.1160, 37.1128, -7.6492

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.1283, 14.4144, -4.5912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1160, 37.1128, -7.6492 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(113, 0, 77)` looks like.

```
.text, #text, p{  
  color:rgb(113, 0, 77)  
}
```

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(113, 0, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 0, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1160, 37.1128, -7.6492 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(113, 0, 77) }
```


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

```
.border{ border-color:rgb(113, 0, 77) }
```

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

Here you see how a box with a 4 pixel rgb(113, 0, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 0, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 0, 77);  
box-shadow:4px 4px 4px 4px rgb(113, 0, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1160, 37.1128, -7.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 0, 77) }
```

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

```
.background{ background-color: rgb(113, 0,  
77) }
```

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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