

Converting Colors

HunterLab(11.7692, 31.2621,
-78.5458)

Have a look what the booklet for
HunterLab(11.7692, 31.2621,
-78.5458) contains.

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Color

**HunterLab(11.7736, 31.2719,
-78.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0076
RGB	12, 0, 118
RGB Percent	5%, 0%, 46%
CMY	0.9529, 1.0000, 0.5373
CMYK	0.90, 1.00, 0.00, 0.54
HSL	246°, 100%, 23%
HSV	246°, 100%, 46%
XYZ	3.4216, 1.3862, 17.2268
YIQ	17.0400, -30.7260, 39.2420

Conversions

Conversions Part 2

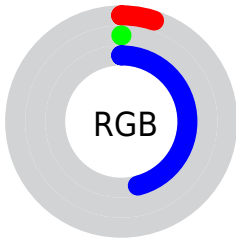
Format	Color
R_{YB}	12, 0, 118
Decimal	786550
CIE _{Lab}	11.87, 44.99, -60.13
CIE _{LCh}	12, 75.093, 306.804
Yxy	1.3863, 0.1553, 0.0629
Android (android.graphics.Color)	4278976630 (0xFF0C0076)
YUV	17.0400, 49.7733, -4.4201
Hunter-Lab	11.7736, 31.2719, -78.5100

Details

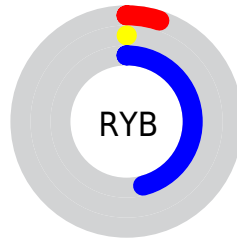
The HunterLab color **11.7736, 31.2719, -78.5100** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **40.0255, -14.6515, 24.4070**, and the grayscale version is **7.3665, -0.3931, 0.4002**.

A 20% lighter version of the original color is **26.4843, 35.2853, -70.4380**, and **6.4603, 17.5236, -45.9032** is the 20% darker color. If you saturate the color by 10%, you get **11.7740, 31.2723, -78.5073**, and if you desaturate by 10%, it is **13.2051, 27.4955, -68.3379**.

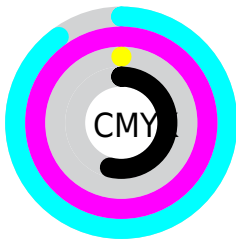
Distribution



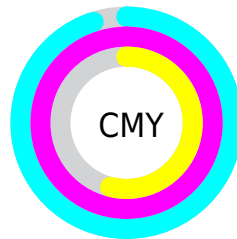
- Red (5%)
- Green (0%)
- Blue (46%)



- Red (5%)
- Yellow (0%)
- Blue (46%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7736, 31.2719, -78.5100 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 11.7736, 31.2719, -78.5100 by changing the saturation by 10% instead.

■ 11.7736, 31.2719,
-78.5100

■ 11.7736, 31.2719,
-78.5100

■ 102.4225, 44.8990,
-72.1924

■ 4.5450, 46.2664,
-130.3057

■ 26.5065, 34.8816,
-69.8249

0.0000, INF, -NF

0.0000, NaN, -NF

■ 35.2328, 36.6467,
-68.9665

0.0000, NaN, -NF

■ 44.7498, 38.3004,
-68.9028

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.9964, 39.8358,
-69.2632

0.0000, NaN, NaN

■ 65.9240, 41.2566,
-69.8579

0.0000, NaN, NaN

■ 77.4926, 42.5693,

0.0000, NaN, NaN

-70.5816

■ 89.6684, 43.7810,
-71.3725

■ 11.7736, 31.2719,
-78.5100

■ 11.7736, 31.2719,
-78.5100

■ 11.7740, 31.2723,
-78.5073

■ 13.2051, 27.4955,
-68.3379

■ 15.0722, 23.6297,
-57.7216

■ 17.5071, 19.4588,
-46.9170

■ 20.3781, 15.4744,
-37.0399

■ 23.5796, 11.8353,
-28.3601

■ 27.0361, 8.5409,
-20.7782

■ 30.6947, 5.5387,
-14.0961

■ 34.5186, 2.7690,
-8.1208

■ 38.4814, 0.1796,
-2.6926

Harmonies

Analogous

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



11.7740, 4.1466, -118.0859



11.7736, 31.2719, -78.5100



11.7740, 57.3889, -23.8129

Triad

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



11.7740, 31.2723, -78.5073



11.7740, 18.0605, 8.2418



11.7740, -20.6045, -4.4116

Complementary

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



11.7736, 31.2719, -78.5100



40.0255, -14.6515, 24.4070

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.



11.7740, -20.6045, 8.2418



11.7736, 31.2719, -78.5100



11.7740, -4.7469, 8.2418

Square

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



11.7740, 31.2723, -78.5073



11.7740, 46.8927, 8.2418



11.7740, -18.3249, 8.2418



11.7740, -20.6045, -46.9429

Rectangle

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



11.7736, 31.2719, -78.5100



11.7740, 64.9884, -1.5244



11.7740, -18.3249, 8.2418



11.7740, -20.6045, 2.4599

Sweetspot

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



11.7740, 31.2723, -78.5073



40.3311, 7.6303, -19.3184



34.1430, -15.6010, -8.9978



18.5631, 4.2726, -10.6177



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



11.7740, 31.2723, -78.5073



15.5125, 41.3913, -104.9030



16.2483, 35.8756, -51.9025



18.9897, -0.0311, -1.0698



12.2336, 32.5172, -81.7592



26.6611, 71.5220, -183.2660

Inverse Universe

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



22.1177, 42.5809, -22.1696



29.3098, 56.3977, -29.1510



36.8321, -27.3334, 22.2173



19.3696, 1.2265, -0.3177



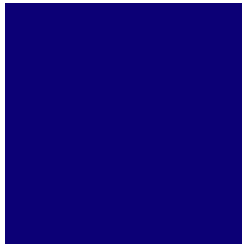
23.0029, 44.2814, -23.0293



50.7074, 97.5004, -49.8882

Previews

White Background



This preview shows how the HunterLab color 11.7736, 31.2719, -78.5100 looks on a white background.

Color Contrast Check

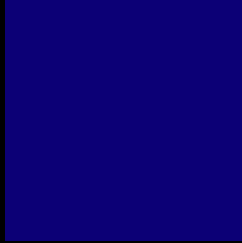
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7736, 31.2719, -78.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

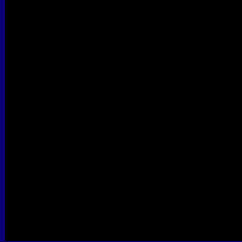
Any Text WCAG AA × Fail

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 11.7736, 31.2719, -78.5100 Background



This preview shows how black text looks on a background with the HunterLab color 11.7736, 31.2719, -78.5100.



This preview shows how white text looks on a background with the HunterLab color 11.7736, 31.2719, -78.5100.

-78.5100.

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

11.7736, 31.2719, -78.5100

Protanopia

12.9734, 2.1124, -20.7757

Deuteranopia

12.9265, -1.4790, -12.9643



Tritanopia

12.9798, -6.5324, -2.1221

Trichromacy



Original Color

11.7736, 31.2719, -78.5100

Protanomaly

11.4930, 13.1262, -41.4448

Deuteranomaly

11.3502, 10.0128, -34.5296

Tritanomaly

10.7855, 6.0032, -25.1016

Monochromacy



Original Color

11.7736, 31.2719, -78.5100

Achromatopsia

7.4869, -0.3995, 0.4068

Achromatomaly

7.7926, 8.8691, -21.5969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7736, 31.2719, -78.5100 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(12, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(12, 0, 118)  
}
```

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(12, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 0, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7736, 31.2719, -78.5100 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(12, 0, 118) }
```


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

```
.border{ border-color:rgb(12, 0, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 0, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(12, 0, 118)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.7736, 31.2719, -78.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 0, 118) }
```

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

```
.background{ background-color: rgb(12, 0,  
118) }
```

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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