

Converting Colors

HunterLab(11.6941, 31.0696,
-78.0472)

Have a look what the booklet for
HunterLab(11.6941, 31.0696,
-78.0472) contains.

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Color

**HunterLab(11.6727, 30.9926,
-77.7488)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0075
RGB	12, 0, 117
RGB Percent	5%, 0%, 46%
CMY	0.9529, 1.0000, 0.5412
CMYK	0.90, 1.00, 0.00, 0.54
HSL	246°, 100%, 23%
HSV	246°, 100%, 46%
XYZ	3.3625, 1.3625, 16.9154
YIQ	16.9260, -30.4050, 38.9310

Conversions

Conversions Part 2

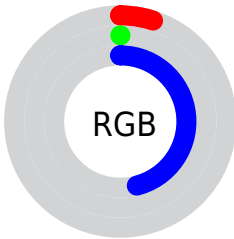
Format	Color
R_{YB}	12, 0, 117
Decimal	786549
CIE _{Lab}	11.71, 44.72, -59.75
CIE _{LCh}	12, 74.627, 306.813
Yxy	1.3626, 0.1554, 0.0630
Android (android.graphics.Color)	4278976629 (0xFF0C0075)
YUV	16.9260, 49.3365, -4.3201
Hunter-Lab	11.6727, 30.9926, -77.7488

Details

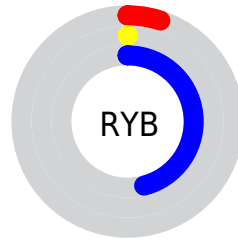
The HunterLab color **11.6727, 30.9926, -77.7488** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **39.6550, -14.5448, 24.1806**, and the grayscale version is **7.3348, -0.3914, 0.3985**.

A 20% lighter version of the original color is **26.2540, 34.5121, -69.1026**, and **6.3659, 17.2675, -45.2325** is the 20% darker color. If you saturate the color by 10%, you get **11.6731, 30.9929, -77.7460**, and if you desaturate by 10%, it is **13.1016, 27.2233, -67.6112**.

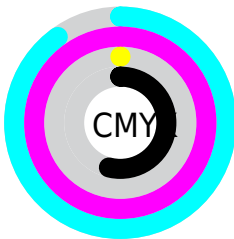
Distribution



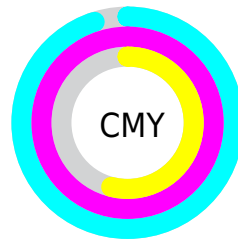
- Red (5%)
- Green (0%)
- Blue (46%)



- 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 11.6727, 30.9926, -77.7488 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 11.6727, 30.9926, -77.7488 by changing the saturation by 10% instead.

■ 11.6727, 30.9926,
-77.7488

■ 11.6727, 30.9926,
-77.7488

■ 102.2148, 44.5545,
-71.5558

■ 4.3465, 47.7663,
-133.5419

■ 26.3742, 34.5916,
-69.1416

0.0000, INF, -NF

0.0000, NaN, -NF

■ 35.0873, 36.3499,
-68.3046

0.0000, NaN, -NF

■ 44.5922, 37.9960,
-68.2544

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.8276, 39.5236,
-68.6228

0.0000, NaN, NaN

■ 65.7447, 40.9363,
-69.2218

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 77.3034, 42.2409,


-69.9472


 89.4697, 43.4446,
-70.7377


 11.6727, 30.9926,
-77.7488


 11.6727, 30.9926,
-77.7488


 11.6731, 30.9929,
-77.7460

 13.1016, 27.2233,
-67.6112

 14.9555, 23.3936,
-57.0953

 17.3694, 19.2665,
-46.4074

 20.2137, 15.3244,
-36.6405

 23.3842, 11.7230,
-28.0569

■ 26.8064, 8.4616,
-20.5576

■ 30.4284, 5.4883,
-13.9469

■ 34.2137, 2.7444,
-8.0343

■ 38.1363, 0.1786,
-2.6624

Harmonies

Analogous

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



11.6731, 4.1157, -116.9567



11.6727, 30.9926, -77.7488



11.6731, 56.8614, -23.5768

Triad

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



11.6731, 30.9929, -77.7460



11.6731, 17.8857, 8.1712



11.6731, -20.4279, -4.3790

Complementary

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



11.6727, 30.9926, -77.7488



39.6550, -14.5448, 24.1806

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.



11.6731, -20.4279, 8.1712



11.6727, 30.9926, -77.7488



11.6731, -4.7096, 8.1712

Square

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



11.6731, 30.9929, -77.7460



11.6731, 46.4495, 8.1712



11.6731, -18.2845, 8.1712



11.6731, -20.4279, -46.5190

Rectangle

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



11.6727, 30.9926, -77.7488



11.6731, 64.3841, -1.5033



11.6731, -18.2845, 8.1712



11.6731, -20.4279, 2.4331

Sweetspot

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



11.6731, 30.9929, -77.7460



40.3344, 7.6407, -19.3126



33.8361, -15.4633, -8.9113



18.5648, 4.2781, -10.6145



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.



11.6731, 30.9929, -77.7460



15.5162, 41.3941, -104.8731



16.1056, 35.5557, -51.4089



18.9900, -0.0299, -1.0693



12.2368, 32.5196, -81.7335



26.6664, 71.5260, -183.2228

Inverse Universe

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



21.9126, 42.1792, -21.9118



29.3033, 56.3748, -29.0646



36.4996, -27.0765, 22.0169



19.3695, 1.2258, -0.3158



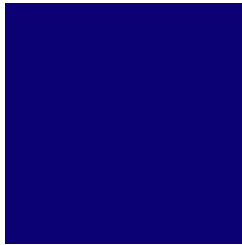
22.9978, 44.2638, -22.9628



50.6957, 97.4596, -49.7340

Previews

White Background



This preview shows how the HunterLab color 11.6727, 30.9926, -77.7488 looks on a white background.

Color Contrast Check

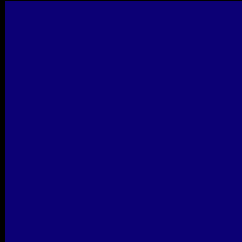
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6727, 30.9926, -77.7488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

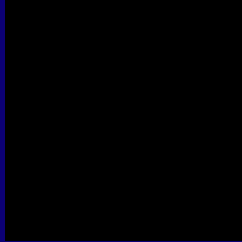
Any Text WCAG AA × Fail

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 11.6727, 30.9926, -77.7488 Background



This preview shows how black text looks on a background with the HunterLab color 11.6727, 30.9926, -77.7488.



This preview shows how white text looks on a background with the HunterLab color 11.6727, 30.9926, -77.7488.

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

11.6727, 30.9926, -77.7488

Protanopia

12.6962, 2.2692, -20.7676

Deuteranopia

12.8843, -1.7128, -12.4067



Tritanopia

12.9525, -6.6942, -1.7387

Trichromacy



Original Color

11.6727, 30.9926, -77.7488

Protanomaly

11.4202, 12.8135, -40.6708

Deuteranomaly

11.2834, 9.7087, -33.7821

Tritanomaly

10.7273, 5.7191, -24.4082

Monochromacy



Original Color

11.6727, 30.9926, -77.7488

Achromatopsia

7.4869, -0.3995, 0.4068

Achromatomaly

7.7327, 8.6116, -20.9096

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.6727, 30.9926, -77.7488 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(12, 0, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 0, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 11.6727, 30.9926, -77.7488 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, 117) }
```


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

```
.border{ border-color:rgb(12, 0, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(12, 0, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.6727, 30.9926, -77.7488 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, 117) }
```

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

```
.background{ background-color: rgb(12, 0,  
117) }
```

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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