

Converting Colors

HunterLab(11.7762, 31.1337,
-77.3971)

Have a look what the booklet for
HunterLab(11.7762, 31.1337,
-77.3971) contains.

HunterLab(11.7376, 31.0429, -77.2350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(11.7376, 31.0429,
-77.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	0E0075
RGB	14, 0, 117
RGB Percent	5%, 0%, 46%
CMY	0.9451, 1.0000, 0.5412
CMYK	0.88, 1.00, 0.00, 0.54
HSL	247°, 100%, 23%
HSV	247°, 100%, 46%
XYZ	3.3920, 1.3777, 16.9167
YIQ	17.5240, -29.2130, 39.3550

Conversions

Conversions Part 2

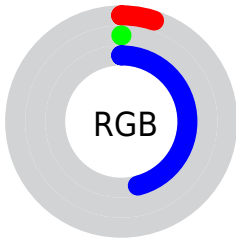
Format	Color
R_{YB}	14, 0, 117
Decimal	917621
CIE Lab	11.81, 44.75, -59.57
CIE LCh	12, 74.509, 306.916
Yxy	1.3778, 0.1564, 0.0635
Android (android.graphics.Color)	4279107701 (0xFF0E0075)
YUV	17.5240, 49.0417, -3.0905
Hunter-Lab	11.7376, 31.0429, -77.2350

Details

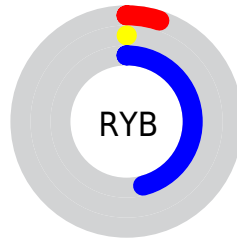
The HunterLab color **11.7376, 31.0429, -77.2350** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **39.5038, -15.1189, 24.0774**, and the grayscale version is **7.5081, -0.4006, 0.4079**.

A 20% lighter version of the original color is **26.3399, 34.6933, -68.7665**, and **6.3659, 17.2675, -45.2325** is the 20% darker color. If you saturate the color by 10%, you get **11.7380, 31.0432, -77.2322**, and if you desaturate by 10%, it is **13.1837, 27.3340, -67.0845**.

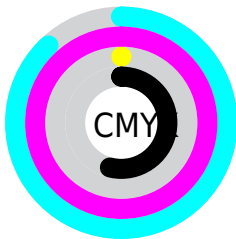
Distribution



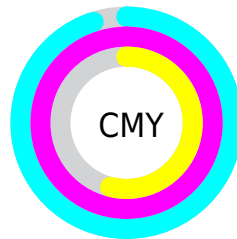
- Red (5%)
- Green (0%)
- Blue (46%)



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



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7376, 31.0429, -77.2350 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 11.7376, 31.0429, -77.2350 by changing the saturation by 10% instead.

■ 11.7376, 31.0429,
-77.2350

■ 11.7376, 31.0429,
-77.2350

■ 102.3485, 44.6090,
-71.2799

■ 4.4753, 46.5877,
-129.5344

■ 26.4594, 34.6449,
-68.8053

0.0000, INF, -NF

0.0000, NaN, -NF

■ 35.1810, 36.4032,
-67.9968

0.0000, NaN, -NF

■ 44.6936, 38.0494,
-67.9625

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.9362, 39.5771,
-68.3398

0.0000, NaN, NaN

■ 65.8601, 40.9900,
-68.9437


0.0000, NaN, NaN


■ 77.4252, 42.2947,

0.0000, NaN, NaN


-69.6713


 89.5976, 43.4987,
-70.4624

 11.7376, 31.0429,
-77.2350


 11.7376, 31.0429,
-77.2350

 11.7380, 31.0432,
-77.2322

 13.1837, 27.3340,
-67.0845

 15.0455, 23.5611,
-56.6373

 17.4588, 19.4733,
-46.0543

 20.2966, 15.5452,
-36.3837

 23.4569, 11.9356,
-27.8758

■ 26.8668, 8.6493,
-20.4333

■ 30.4749, 5.6394,
-13.8654

■ 34.2454, 2.8506,
-7.9858

■ 38.1524, 0.2338,
-2.6404

Harmonies

Analogous

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



11.7380, 4.1877, -116.3545



11.7376, 31.0429, -77.2350



11.7380, 56.7951, -23.3659

Triad

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



11.7380, 31.0432, -77.2322



11.7380, 17.7708, 8.2166



11.7380, -20.5415, -4.4603

Complementary

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



11.7376, 31.0429, -77.2350



39.5038, -15.1189, 24.0774

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.



11.7380, -20.5415, 8.2166



11.7376, 31.0429, -77.2350



11.7380, -4.7722, 8.2166

Square

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



11.7380, 31.0432, -77.2322



11.7380, 46.2652, 8.2166



11.7380, -18.2591, 8.2166



11.7380, -20.5415, -46.5475

Rectangle

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



11.7376, 31.0429, -77.2350



11.7380, 64.2355, -1.4252



11.7380, -18.2591, 8.2166



11.7380, -20.5415, 2.3852

Sweetspot

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



11.7380, 31.0432, -77.2322



40.3982, 7.8472, -19.1996



33.2485, -14.7201, -9.7814



18.5984, 4.3853, -10.5520



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.



11.7380, 31.0432, -77.2322



15.5937, 41.4532, -104.2518



16.3336, 35.8348, -50.3988



18.9972, -0.0052, -1.0596



12.3036, 32.5713, -81.2035



26.7783, 71.6095, -182.3132

Inverse Universe

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



21.8196, 41.8537, -20.6824



29.1762, 55.9295, -27.3814



36.4377, -27.3344, 21.9742



19.3669, 1.2117, -0.2785



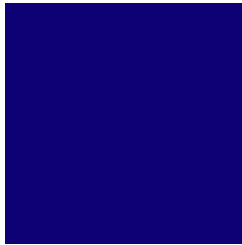
22.8999, 43.9208, -21.6669



50.4693, 96.6657, -46.7319

Previews

White Background



This preview shows how the HunterLab color 11.7376, 31.0429, -77.2350 looks on a white background.

Color Contrast Check

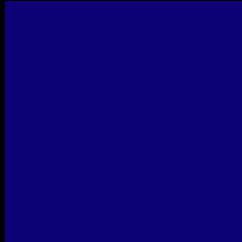
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7376, 31.0429, -77.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

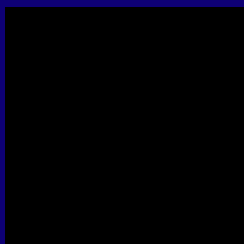
Any Text WCAG AA × Fail

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 11.7376, 31.0429, -77.2350 Background



This preview shows how black text looks on a background with the HunterLab color 11.7376, 31.0429, -77.2350.



This preview shows how white text looks on a background with the HunterLab color 11.7376, 31.0429, -77.2350.

-77.2350.

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

11.7376, 31.0429, -77.2350

Protanopia

12.9734, 2.1124, -20.7757

Deuteranopia

12.8843, -1.7128, -12.4067



Tritanopia

12.9798, -6.5324, -2.1221

Trichromacy



Original Color

11.7376, 31.0429, -77.2350

Protanomaly

11.5211, 13.1901, -41.3078

Deuteranomaly

11.3120, 9.7818, -33.6600

Tritanomaly

10.7573, 5.8058, -24.3013

Monochromacy



Original Color

11.7376, 31.0429, -77.2350

Achromatopsia

7.7774, -0.4150, 0.4226

Achromatomaly

7.9048, 9.1248, -21.1464

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7376, 31.0429, -77.2350 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(14, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(14, 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(14, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 0, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7376, 31.0429, -77.2350 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(14, 0, 117) }
```


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

```
.border{ border-color:rgb(14, 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(14, 0, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(14, 0, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.7376, 31.0429, -77.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 0, 117) }
```

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

```
.background{ background-color: rgb(14, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor