

Converting Colors

HunterLab(21.2011, 47.9510,
-76.5588)

Have a look what the booklet for
HunterLab(21.2011, 47.9510,
-76.5588) contains.

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Color

**HunterLab(21.2011, 47.9510,
-76.5588)**

Conversions

Conversions Part 1

Format	Color
Hex	57009E
RGB	87, 0, 158
RGB Percent	34%, 0%, 62%
CMY	0.6588, 1.0000, 0.3804
CMYK	0.45, 1.00, 0.00, 0.38
HSL	273°, 100%, 31%
HSV	273°, 100%, 62%
XYZ	10.1020, 4.4949, 32.6829
YIQ	44.0250, 1.1340, 67.5820

Conversions

Conversions Part 2

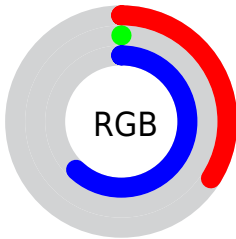
Format	Color
RYB	87, 0, 158
Decimal	5701790
CIELab	25.24, 59.07, -62.80
CIElCh	25, 86.213, 313.245
Yxy	4.4950, 0.2137, 0.0951
Android (android.graphics.Color)	4283891870 (0xFF57009E)
YUV	44.0250, 56.1897, 37.6891
Hunter-Lab	21.2011, 47.9510, -76.5588

Details

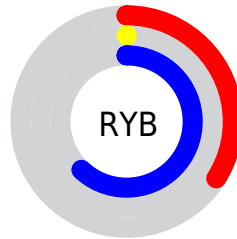
The HunterLab color **21.2011, 47.9510, -76.5588** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **50.7871, -36.7716, 30.6510**, and the grayscale version is **15.7002, -0.8377, 0.8530**.

A 20% lighter version of the original color is **38.3155, 52.1518, -73.9212**, and **10.9639, 28.0783, -65.0247** is the 20% darker color. If you saturate the color by 10%, you get **21.2015, 47.9515, -76.5573**, and if you desaturate by 10%, it is **22.8439, 45.8242, -69.0784**.

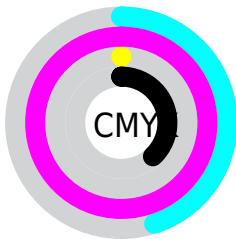
Distribution



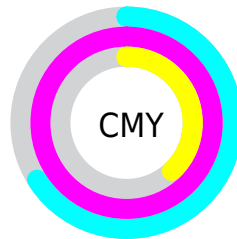
- Red (34%)
- Green (0%)
- Blue (62%)



- Red (34%)
- Yellow (0%)
- Blue (62%)



- Cyan (45%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2011, 47.9510, -76.5588 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 21.2011, 47.9510, -76.5588 by changing the saturation by 10% instead.

21.2011, 47.9510,
-76.5588

21.2011, 47.9510,
-76.5588

120.3472, 64.4379,
-77.7465

13.9791, 46.1454,
-81.8896

38.3633, 52.1444,
-73.5879

7.6199, 47.5524,
-98.7630

48.1329, 54.1946,
-73.5558

0.0000, INF, -NF

0.0000, NaN, -NF

58.6146, 56.1532,
-73.9289

0.0000, NaN, -NF

69.7630, 58.0099,
-74.5318

0.0000, NaN, -NF

81.5402, 59.7634,
-75.2648

0.0000, NaN, NaN

0.0000, NaN, NaN

93.9144, 61.4163,

-76.0676

0.0000, NaN, NaN

106.8581, 62.9729,
-76.9029

21.2011, 47.9510,
-76.5588

21.2011, 47.9510,
-76.5588

21.2015, 47.9515,
-76.5573

22.8439, 45.8242,
-69.0784

25.0173, 42.3180,
-60.5068

27.8225, 37.4430,
-51.1339

31.1737, 31.8133,
-41.7571

34.9785, 25.8721,
-32.8246

■ 39.1554, 19.8756,
-24.5066

■ 43.6390, 13.9478,
-16.8151

■ 48.3780, 8.1365,
-9.6915

■ 53.3330, 2.4503,
-3.0545

Harmonies

Analogous

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



21.2015, 12.2391, -126.9801



21.2011, 47.9510, -76.5588



21.2015, 75.8465, -18.7962

Triad

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



21.2015, 47.9515, -76.5573



21.2015, 16.1604, 14.8410



21.2015, -31.9861, -13.7132

Complementary

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



21.2011, 47.9510, -76.5588



50.7871, -36.7716, 30.6510

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.



21.2015, -31.7053, 11.0735



21.2011, 47.9510, -76.5588



21.2015, -11.8394, 14.8410

Square

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



21.2015, 47.9515, -76.5573



21.2015, 52.0375, 14.8410



21.2015, -26.3925, 14.8410



21.2015, -27.3715, -69.1238

Rectangle

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



21.2011, 47.9510, -76.5588



21.2015, 80.4926, 3.7831



21.2015, -26.3925, 14.8410



21.2015, -32.4291, -1.8618

Sweetspot

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



21.2015, 47.9515, -76.5573



58.4431, 19.2600, -23.2452



26.4346, 10.6714, -56.0773



26.5925, 10.6457, -12.9552



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



21.2015, 47.9515, -76.5573



28.3599, 64.3743, -104.2086



30.7805, 59.8767, -35.6461



25.7025, 0.9699, -1.2308



19.0360, 42.9856, -68.2090



2.9953, 6.3097, -7.2132

Inverse Universe

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



27.7921, 49.2316, 5.2710



37.4001, 66.1530, 7.8556



49.4683, -42.2941, 29.4698



25.8712, 1.3024, 0.8336



24.8875, 44.1155, 4.4931



3.4520, 6.3481, -1.1526

Previews

White Background



This preview shows how the HunterLab color 21.2011, 47.9510, -76.5588 looks on a white background.

Color Contrast Check

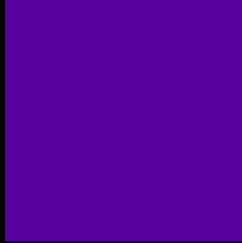
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2011, 47.9510, -76.5588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

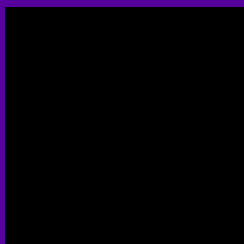
Any Text WCAG AA × Fail

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 21.2011, 47.9510, -76.5588 Background



This preview shows how black text looks on a background with the HunterLab color 21.2011, 47.9510, -76.5588.



This preview shows how white text looks on a background with the HunterLab color 21.2011, 47.9510,

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

21.2011, 47.9510, -76.5588

Protanopia

22.1269, 6.1715, -40.9793

Tritanopia

22.2765, 0.1671, 0.0113

Trichromacy



Original Color

21.2011, 47.9510, -76.5588

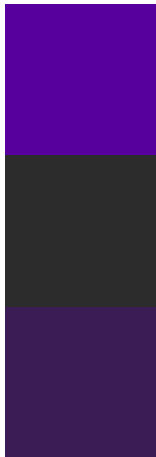
Protanomaly

19.0321, 22.7927, -63.9674

Tritanomaly

19.4123, 18.6740, -23.7649

Monochromacy



Original Color

21.2011, 47.9510, -76.5588

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.6430, 17.3372, -22.6314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2011, 47.9510, -76.5588 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(87, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 158)  
}
```

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(87, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2011, 47.9510, -76.5588 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(87, 0, 158) }
```

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

```
.border{ border-color:rgb(87, 0, 158) }
```

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

Here you see how a box with a 4 pixel rgb(87, 0, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 0, 158);  
box-shadow:4px 4px 4px 4px rgb(87, 0, 158)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 21.2011, 47.9510, -76.5588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 158) }
```

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

```
.background{ background-color: rgb(87, 0,  
158) }
```

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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