

Converting Colors

HunterLab(12.6509, 21.8445,
6.7840)

Have a look what the booklet for
HunterLab(12.6509, 21.8445,
6.7840) contains.

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Color

**HunterLab(12.6479, 21.8332,
6.8297)**

Conversions

Conversions Part 1

Format	Color
Hex	4D000A
RGB	77, 0, 10
RGB Percent	30%, 0%, 4%
CMY	0.6980, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.87, 0.70
HSL	352°, 100%, 15%
HSV	352°, 100%, 30%
XYZ	3.1154, 1.5997, 0.4317
YIQ	24.1630, 42.6820, 19.4340

Conversions

Conversions Part 2

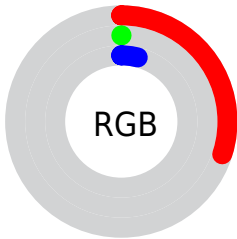
Format	Color
R_{YB}	77, 0, 10
Decimal	5046282
CIE _{Lab}	13.23, 34.03, 16.63
CIE _{LCh}	13, 37.876, 26.049
Yxy	1.5998, 0.6053, 0.3108
Android (android.graphics.Color)	4283236362 (0xFF4D000A)
YUV	24.1630, -6.9824, 46.3380
Hunter-Lab	12.6479, 21.8332, 6.8297

Details

The HunterLab color **12.6479, 21.8332, 6.8297** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.9020, -14.4419, 1.3014**, and the grayscale version is **9.6185, -0.5132, 0.5226**.

A 20% lighter version of the original color is **27.6366, 24.6142, 9.9732**, and **2.7958, 4.7878, 1.8066** is the 20% darker color. If you saturate the color by 10%, you get **12.6478, 21.8330, 6.8302**, and if you desaturate by 10%, it is **13.3588, 19.9554, 6.2815**.

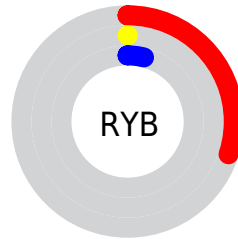
Distribution



Red (30%)

Green (0%)

Blue (4%)



Red (30%)

Yellow (0%)

Blue (4%)

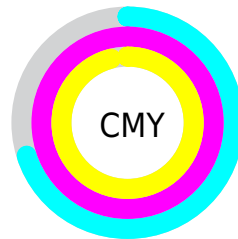


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (70%)



Cyan (70%)


Magenta (100%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.6479, 21.8332, 6.8297 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 12.6479, 21.8332, 6.8297 by changing the saturation by 10% instead.

 12.6479, 21.8332,
6.8297

 12.6479, 21.8332,
6.8297


 104.2043, 31.9292,
20.7157

 5.9788, 25.8137,
4.1852


 27.6467, 24.9014,
10.0756

0.0000, INF, NaN

0.0000, NaN, NaN

 36.4850, 26.2489,
11.7223

0.0000, NaN, NaN


 46.1046, 27.4650,
13.2990

0.0000, NaN, NaN

0.0000, NaN, NaN

 56.4467, 28.5599,
14.8287

0.0000, NaN, NaN


 67.4639, 29.5443,
16.3262


0.0000, NaN, NaN


 79.1171, 30.4284,


0.0000, NaN, NaN


17.8020


 91.3733, 31.2208,
19.2634


 12.6479, 21.8332,
6.8297


 12.6479, 21.8332,
6.8297


 12.6478, 21.8330,
6.8302

 13.3588, 19.9554,
6.2815

 14.1225, 18.2071,
5.5287

 15.1294, 16.0521,
4.7636

 16.3705, 13.6178,
4.0457

 17.8175, 11.0485,
3.4055

■ 19.4418, 8.4461,
2.8553

■ 21.2172, 5.8719,
2.3953

■ 23.1211, 3.3573,
2.0189

■ 25.1350, 0.9146,
1.7171

Harmonies

Analogous

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



12.6483, 25.0022, -0.6468



12.6479, 21.8332, 6.8297



12.6483, 12.0496, 8.8538

Triad

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



12.6483, 21.8316, 6.8299



12.6483, -13.3142, 8.3113



12.6483, -1.9816, -34.8923

Complementary

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



12.6479, 21.8332, 6.8297



23.9020, -14.4419, 1.3014

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.



12.6483, -9.7711, -26.0839



12.6479, 21.8332, 6.8297



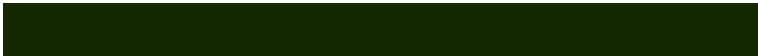
12.6483, -15.5078, 1.8924

Square

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



12.6483, 21.8316, 6.8299



12.6483, -8.1020, 8.8538



12.6483, -14.2133, -10.3586



12.6483, 8.9950, -29.5349

Rectangle

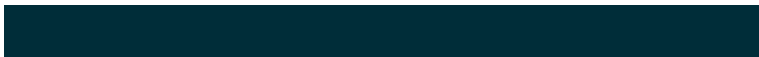
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12.6479, 21.8332, 6.8297



12.6483, 4.3368, 8.8538



12.6483, -14.2133, -10.3586



12.6483, -5.0116, -33.3813

Sweetspot

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



12.6483, 21.8316, 6.8299



27.3823, 8.0116, 3.1803



13.1142, 26.5420, -23.1972



13.7591, 4.5000, 1.6972



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



12.6483, 21.8316, 6.8299



16.4526, 28.3508, 9.2732



15.5549, 12.7303, 9.8072



13.0623, 0.3043, 0.8644



16.8952, 29.1092, 9.5553



41.0281, 70.4878, 24.7604

Inverse Universe

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



12.6483, 21.8316, 6.8299



16.4526, 28.3508, 9.2732



16.4717, -2.5108, -15.1669



13.0623, 0.3043, 0.8644



16.8952, 29.1092, 9.5553



41.0281, 70.4878, 24.7604

Previews

White Background



This preview shows how the HunterLab color 12.6479, 21.8332, 6.8297 looks on a white background.

Color Contrast Check

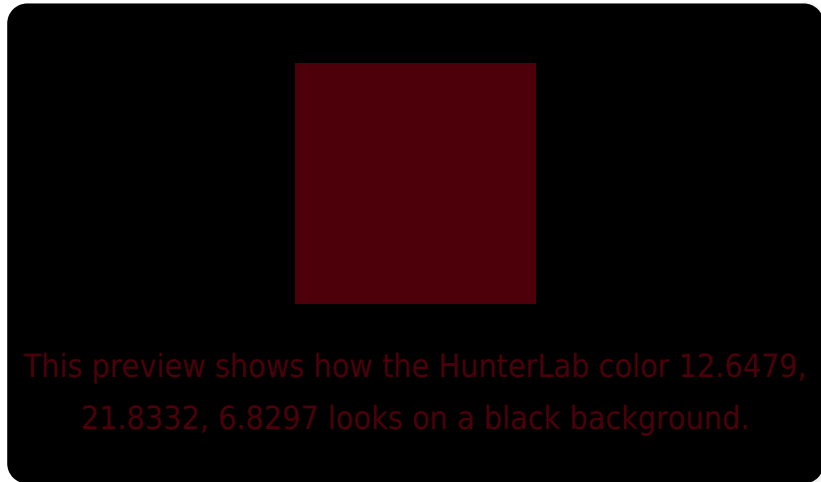
Large Text (above 18pt) WCAG AA ✓ Pass

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

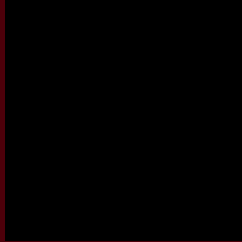
Any Text WCAG AA × Fail

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 12.6479, 21.8332, 6.8297 Background



This preview shows how black text looks on a background with the HunterLab color 12.6479, 21.8332, 6.8297.



This preview shows how white text looks on a background with the HunterLab color 12.6479, 21.8332,

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

12.6479, 21.8332, 6.8297

Protanopia

14.1602, -1.8005, 6.4734

Deuteranopia

14.0574, -0.1164, 8.6601



Tritanopia

13.1520, 19.5537, 8.4465

Trichromacy



Original Color

12.6479, 21.8332, 6.8297

Protanomaly

12.4064, 7.0994, 5.7836

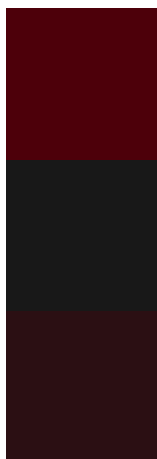
Deuteranomaly

12.6168, 8.3692, 7.3812

Tritanomaly

12.9359, 20.4958, 7.8034

Monochromacy



Original Color

12.6479, 21.8332, 6.8297

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.4987, 7.5180, 2.1391

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6479, 21.8332, 6.8297 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(77, 0, 10)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 10)  
}
```

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(77, 0, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6479, 21.8332, 6.8297 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(77, 0, 10) }
```


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

```
.border{ border-color:rgb(77, 0, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 10); box-shadow:4px  
4px 4px 4px rgb(77, 0, 10) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6479, 21.8332, 6.8297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 10) }
```

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

```
.background{ background-color: rgb(77, 0,  
10) }
```

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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