

Converting Colors

HunterLab(12.4898, 11.6486,
-6.1921)

Have a look what the booklet for
HunterLab(12.4898, 11.6486,
-6.1921) contains.

HunterLab(12.6031, 11.7090, -6.2251)	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(12.6031, 11.7090,
-6.2251)**

Conversions

Conversions Part 1

Format	Color
Hex	361632
RGB	54, 22, 50
RGB Percent	21%, 9%, 20%
CMY	0.7882, 0.9137, 0.8039
CMYK	0.00, 0.59, 0.07, 0.79
HSL	308°, 42%, 15%
HSV	308°, 59%, 21%
XYZ	2.3840, 1.5884, 3.1986
YIQ	34.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

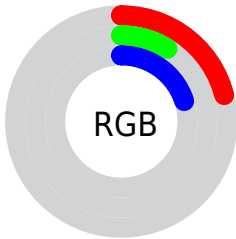
Format	Color
R_{YB}	54, 22, 50
Decimal	3544626
CIE _{Lab}	13.16, 20.67, -11.44
CIE _{LCh}	13, 23.625, 331.050
Yxy	1.5885, 0.3324, 0.2215
Android (android.graphics.Color)	4281734706 (0xFF361632)
YUV	34.7600, 7.5133, 16.8735
Hunter-Lab	12.6031, 11.7090, -6.2251

Details

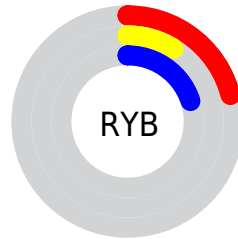
The HunterLab color **12.6031, 11.7090, -6.2251** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **16.9810, -10.4112, 6.8688**, and the grayscale version is **12.8632, -0.6863, 0.6989**.

A 20% lighter version of the original color is **27.5059, 13.7684, -6.6639**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.8213, 13.6939, -7.2308**, and if you desaturate by 10%, it is **13.5013, 9.5963, -5.1021**.

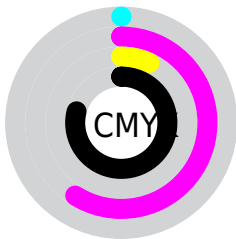
Distribution



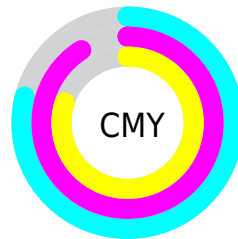
- Red (21%)
- Green (9%)
- Blue (20%)



- Red (21%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (59%)
- Yellow (7%)
- Black (79%)



- Cyan (79%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6031, 11.7090, -6.2251 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 12.6031, 11.7090, -6.2251 by changing the saturation by 10% instead.

■ 12.6031, 11.7090,
-6.2251

■ 12.6031, 11.7090,
-6.2251

■ 104.1135, 16.6381,
-6.1927

■ 5.9144, 14.9153,
-7.8586

■ 27.5884, 13.6061,
-6.7236

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.4210, 14.3346,
-6.8455

0.0000, NaN, NaN

■ 46.0355, 14.9433,
-6.8909

0.0000, NaN, NaN

■ 56.3727, 15.4479,
-6.8672

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3854, 15.8608,
-6.7806

0.0000, NaN, NaN

■ 79.0343, 16.1918,

0.0000, NaN, NaN

-6.6365

91.2865, 16.4487,
-6.4393

12.6031, 11.7090,
-6.2251

12.6031, 11.7090,
-6.2251

11.8213, 13.6939,
-7.2308

13.5013, 9.5963,
-5.1021

11.1673, 15.4683,
-8.0704

14.5022, 7.4233,
-3.9046

10.5991, 17.1089,
-8.7964

15.5936, 5.2359,
-2.6636

10.0033, 18.9829,
-9.6321

16.7643, 3.0632,
-1.4010

9.9576, 19.1340,
-9.6998

18.0044, 0.9220,
-0.1310

■ 19.3054, -1.1797,
1.1377

■ 20.6603, -3.2393,
2.4003

■ 22.0631, -5.2577,
3.6542

■ 23.5086, -7.2375,
4.8987

Harmonies

Analogous

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



12.6034, 6.1685, -13.6277



12.6031, 11.7090, -6.2251



12.6034, 13.7902, 0.8944

Triad

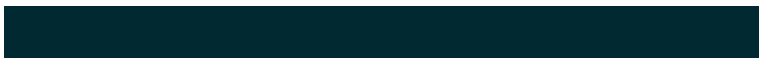
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.6034, 11.7085, -6.2247



12.6034, -0.8934, 8.8224



12.6034, -9.4290, -6.7799

Complementary

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



12.6031, 11.7090, -6.2251



16.9810, -10.4112, 6.8688

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.



12.6034, -10.6114, 0.4740



12.6031, 11.7090, -6.2251



12.6034, -6.3089, 8.0169

Square

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



12.6034, 11.7085, -6.2247



12.6034, 5.7105, 8.1593



12.6034, -9.5839, 5.1212



12.6034, -5.9947, -14.0437

Rectangle

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



12.6031, 11.7090, -6.2251



12.6034, 12.6694, 4.1497



12.6034, -9.5839, 5.1212



12.6034, -10.0676, -4.1684

Sweetspot

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



12.6034, 11.7085, -6.2247



22.0817, 3.9397, -1.7907



10.2780, 5.8426, -13.6975



11.4569, 2.1981, -1.0177



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.6034, 11.7085, -6.2247



15.0424, 19.3227, -10.1419



12.1458, 9.6205, 0.1658



10.1773, 0.4158, -0.0124



16.8790, 32.3656, -15.9126



43.4826, 83.2056, -39.6571

Inverse Universe

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



12.6034, 11.7085, -6.2247



15.0424, 19.3227, -10.1419



17.2460, -8.8250, 3.0271



10.1773, 0.4158, -0.0124



16.8790, 32.3656, -15.9126



43.4826, 83.2056, -39.6571

Previews

White Background



This preview shows how the HunterLab color 12.6031, 11.7090, -6.2251 looks on a white background.

Color Contrast Check

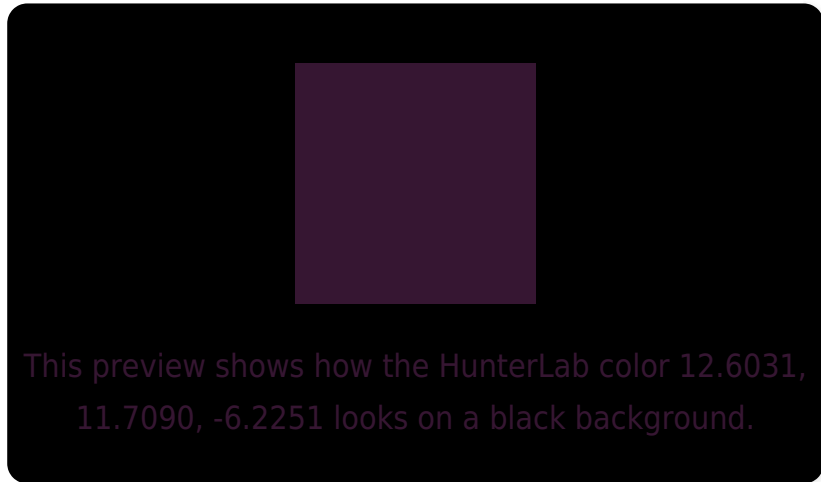
Large Text (above 18pt) WCAG AA ✓ Pass

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

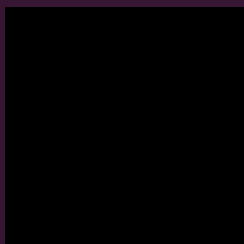
Any Text WCAG AA × Fail

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 12.6031, 11.7090, -6.2251 Background



This preview shows how black text looks on a background with the HunterLab color 12.6031, 11.7090, -6.2251.



This preview shows how white text looks on a background with the HunterLab color 12.6031, 11.7090, -6.2251.

-6.2251.

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

12.6031, 11.7090, -6.2251

Protanopia

12.8548, 1.6792, -11.7669

Deuteranopia

12.8404, 0.7530, -4.9864



Tritanopia

12.6595, 6.4672, 2.4700

Trichromacy



Original Color

12.6031, 11.7090, -6.2251

Protanomaly

12.4666, 4.4973, -10.0331

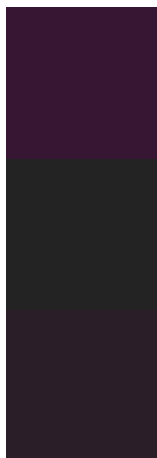
Deuteranomaly

12.5763, 4.3252, -5.8737

Tritanomaly

12.5925, 8.4361, -0.3337

Monochromacy



Original Color

12.6031, 11.7090, -6.2251

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.5459, 3.6849, -1.6919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6031, 11.7090, -6.2251 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(54, 22, 50)` looks like.

```
.text, #text, p{  
    color:rgb(54, 22, 50)  
}
```

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(54, 22, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 22, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6031, 11.7090, -6.2251 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(54, 22, 50) }
```


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

```
.border{ border-color:rgb(54, 22, 50) }
```

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

Here you see how a box with a 4 pixel rgb(54, 22, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 22, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 22, 50);  
box-shadow:4px 4px 4px 4px rgb(54, 22, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6031, 11.7090, -6.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 22, 50) }
```

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

```
.background{ background-color: rgb(54, 22,  
50) }
```

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