

Converting Colors

HunterLab(10.2315, 8.9052,
6.4605)

Have a look what the booklet for
HunterLab(10.2315, 8.9052, 6.4605)
contains.

HunterLab(10.2247, 8.9227, 6.4567)	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(10.2247, 8.9227,
6.4567)**

Conversions

Conversions Part 1

Format	Color
Hex	330F00
RGB	51, 15, 0
RGB Percent	20%, 6%, 0%
CMY	0.8000, 0.9412, 1.0000
CMYK	0.00, 0.71, 1.00, 0.80
HSL	18°, 100%, 10%
HSV	18°, 100%, 20%
XYZ	1.5360, 1.0454, 0.1208
YIQ	24.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

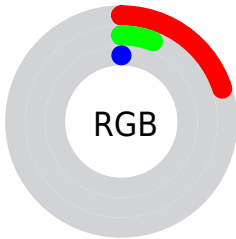
Format	Color
R_{YB}	51, 21, 0
Decimal	3346176
CIE Lab	9.36, 17.08, 14.42
CIE LCh	9, 22.354, 40.165
Yxy	1.0455, 0.5684, 0.3869
Android (android.graphics.Color)	4281536256 (0xFF330F00)
YUV	24.0540, -11.8586, 23.6316
Hunter-Lab	10.2247, 8.9227, 6.4567

Details

The HunterLab color **10.2247, 8.9227, 6.4567** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12.2499, -3.5388, -7.6722**, and the grayscale version is **9.6028, -0.5124, 0.5217**.

A 20% lighter version of the original color is **24.3902, 10.7574, 8.4200**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.2250, 8.9218, 6.4568**, and if you desaturate by 10%, it is **10.8044, 7.8456, 5.9913**.

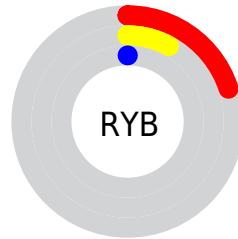
Distribution



Red (20%)

Green (6%)

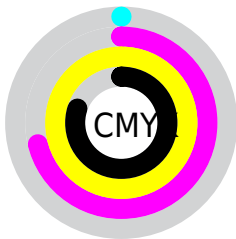
Blue (0%)



Red (20%)

Yellow (8%)

Blue (0%)

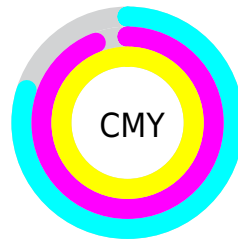


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.2247, 8.9227, 6.4567 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 10.2247, 8.9227, 6.4567 by changing the saturation by 10% instead.

■ 10.2247, 8.9227,
6.4567

■ 10.2247, 8.9227,
6.4567

■ 99.1799, 12.6465,
18.3371

0.0000, INF, NaN

0.0000, NaN, NaN

■ 24.4564, 10.5458,
8.5517

0.0000, NaN, NaN

■ 32.9735, 11.1326,
10.0568

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.2990, 11.6014,
11.4993

0.0000, NaN, NaN

■ 52.3681, 11.9691,
12.9016

0.0000, NaN, NaN


■ 63.1295, 12.2485,
14.2783


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 74.5411, 12.4496,


15.6389


 86.5679, 12.5802,
16.9902


 10.2247, 8.9227,
6.4567


 10.2247, 8.9227,
6.4567


 10.2250, 8.9218,
6.4568

 10.8044, 7.8456,
5.9913

 11.4355, 6.7091,
5.6453

 12.1209, 5.5703,
5.3005

 12.8618, 4.4759,
4.8662

 13.6525, 3.4338,
4.3548

■ 14.4881, 2.4471,
3.7778

■ 15.3638, 1.5158,
3.1450

■ 16.2758, 0.6379,
2.4648

■ 17.2204, -0.1898,
1.7441

Harmonies

Analogous

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



10.2250, 12.1765, 2.2112



10.2247, 8.9227, 6.4567



10.2250, 3.3205, 7.1575

Triad

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



10.2250, 8.9218, 6.4568



10.2250, -9.6524, 3.6866



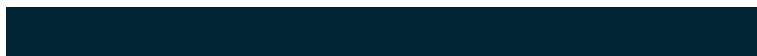
10.2250, 1.4004, -15.2598

Complementary

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



10.2247, 8.9227, 6.4567



12.2499, -3.5388, -7.6722

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.



10.2250, -3.9236, -14.2768



10.2247, 8.9227, 6.4567



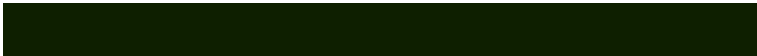
10.2250, -10.0680, -1.3959

Square

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



10.2250, 8.9218, 6.4568



10.2250, -6.8357, 7.1575



10.2250, -7.9711, -8.3610



10.2250, 7.2618, -10.5933

Rectangle

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



10.2247, 8.9227, 6.4567



10.2250, -0.5768, 7.1575



10.2250, -7.9711, -8.3610



10.2250, -0.5154, -15.6206

Sweetspot

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



10.2250, 8.9218, 6.4568



19.6177, 2.1372, 4.1852



9.1354, 17.0760, -5.1922



10.3169, 1.1709, 2.2399



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



10.2250, 8.9218, 6.4568



12.8517, 12.3510, 8.1354



14.8929, -0.6254, 9.1660



9.5693, -0.1825, 0.8872



16.9892, 17.7475, 10.7794



42.8406, 51.5308, 27.3003

Inverse Universe

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



12.2499, -3.5388, -7.6722



15.5362, -4.2022, -10.3476



6.9246, 6.3845, -22.4374



9.6879, -0.8240, 0.1520



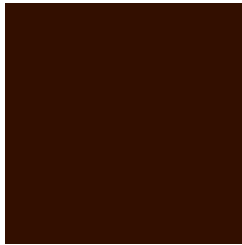
20.6883, -5.2212, -14.5874



52.7029, -11.3457, -41.3820

Previews

White Background



This preview shows how the HunterLab color 10.2247, 8.9227, 6.4567 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

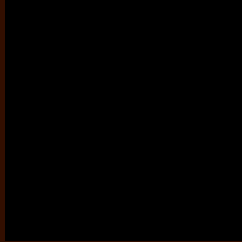
Any Text WCAG AA × Fail

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 10.2247, 8.9227, 6.4567 Background



This preview shows how black text looks on a background with the HunterLab color 10.2247, 8.9227, 6.4567.

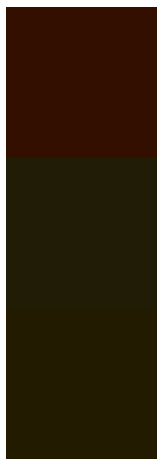


This preview shows how white text looks on a background with the HunterLab color 10.2247, 8.9227,

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

10.2247, 8.9227, 6.4567

Protanopia

10.7272, -1.4041, 5.6332

Deuteranopia

10.6827, -0.5639, 6.5727



Tritanopia

10.2585, 10.0358, 3.8849

Trichromacy



Original Color

10.2247, 8.9227, 6.4567

Protanomaly

10.2611, 2.3095, 5.6995

Deuteranomaly

10.4125, 2.7068, 6.4635

Tritanomaly

10.1970, 9.7618, 4.7846

Monochromacy



Original Color

10.2247, 8.9227, 6.4567

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.5441, 2.2637, 3.1131

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.2247, 8.9227, 6.4567 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(51, 15, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 15, 0)  
}
```

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(51, 15, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 15, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 10.2247, 8.9227, 6.4567 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(51, 15, 0) }
```


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

```
.border{ border-color:rgb(51, 15, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 15, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 15, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 15, 0); box-shadow:4px  
4px 4px 4px rgb(51, 15, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.2247, 8.9227, 6.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 15, 0) }
```

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

```
.background{ background-color: rgb(51, 15,  
0) }
```

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