

Converting Colors

HunterLab(6.4320, 15.4693,
-30.3723)

Have a look what the booklet for
HunterLab(6.4320, 15.4693,
-30.3723) contains.

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Color

**HunterLab(6.4352, 15.4573,
-30.2347)**

Conversions

Conversions Part 1	
Format	Color
Hex	120038
RGB	18, 0, 56
RGB Percent	7%, 0%, 22%
CMY	0.9294, 1.0000, 0.7804
CMYK	0.68, 1.00, 0.00, 0.78
HSL	259°, 100%, 11%
HSV	259°, 100%, 22%
XYZ	0.9633, 0.4141, 3.7705
YIQ	11.7660, -7.2480, 21.2320

Conversions

Conversions Part 2

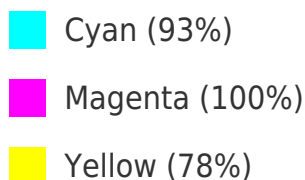
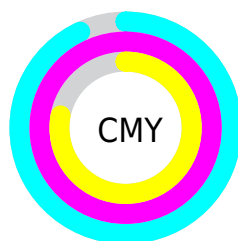
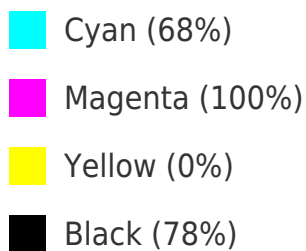
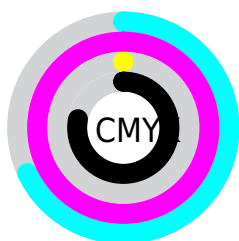
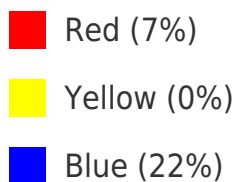
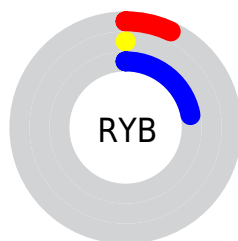
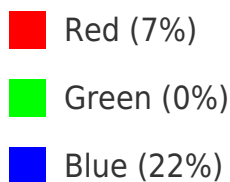
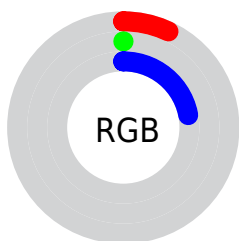
Format	Color
RYB	18, 0, 56
Decimal	1179704
CIELab	3.74, 23.11, -31.15
CIELCh	4, 38.792, 306.573
Yxy	0.4141, 0.1871, 0.0804
Android (android.graphics.Color)	4279369784 (0xFF120038)
YUV	11.7660, 21.8074, 5.4672
Hunter-Lab	6.4352, 15.4573, -30.2347

Details

The HunterLab color **6.4352, 15.4573, -30.2347** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **18.0011, -9.5532, 10.9249**, and the grayscale version is **5.9408, -0.3170, 0.3228**.

A 20% lighter version of the original color is **20.1083, 14.4327, -25.9726**, and **1.3241, 3.5916, -9.4081** is the 20% darker color. If you saturate the color by 10%, you get **6.4354, 15.4574, -30.2338**, and if you desaturate by 10%, it is **7.5856, 12.6358, -24.3475**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 6.4352, 15.4573, -30.2347 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 6.4352, 15.4573, -30.2347 by changing the saturation by 10% instead.

6.4352, 15.4573,
-30.2347

6.4352, 15.4573,
-30.2347

92.0165, 19.1073,
-29.4301

0.0000, NaN, -NF

0.0000, NaN, -NF

20.0525, 14.6428,
-25.8111

0.0000, NaN, NaN

28.0791, 15.6285,
-26.2712

0.0000, NaN, NaN

36.9590, 16.4724,
-26.8459

0.0000, NaN, NaN

0.0000, NaN, NaN

46.6170, 17.1929,
-27.4377

0.0000, NaN, NaN


56.9947, 17.8053,
-28.0056


0.0000, NaN, NaN


0.0000, NaN, NaN


68.0454, 18.3222,


-28.5315


 79.7302, 18.7535,
-29.0073


 6.4352, 15.4573,
-30.2347

 6.4352, 15.4573,
-30.2347

 6.4354, 15.4574,
-30.2338

 7.5856, 12.6358,
-24.3475

 8.6249, 10.8112,
-20.2155

 9.7332, 9.1791,
-16.6326

 10.9609, 7.5599,
-13.3516

 12.2856, 5.9901,
-10.3806

■ 13.6900, 4.4797,
-7.6893

■ 15.1611, 3.0267,
-5.2360

■ 16.6890, 1.6242,
-2.9797

■ 18.2660, 0.2642,
-0.8842

Harmonies

Analogous

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



6.4354, 2.6631, -43.4245



6.4352, 15.4573, -30.2347



6.4354, 25.8100, -10.6660

Triad

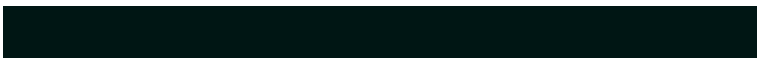
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6.4354, 15.4574, -30.2338



6.4354, 10.0992, 4.5048



6.4354, -11.2619, -2.5100

Complementary

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



6.4352, 15.4573, -30.2347



18.0011, -9.5532, 10.9249

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.



6.4354, -11.2619, 4.5048



6.4352, 15.4573, -30.2347



6.4354, -3.3506, 4.5048

Square

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



6.4354, 15.4574, -30.2338



6.4354, 21.8665, 4.5048



6.4354, -11.2619, 4.5048



6.4354, -11.2619, -18.9014

Rectangle

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



6.4352, 15.4573, -30.2347



6.4354, 28.7682, -1.1432



6.4354, -11.2619, 4.5048



6.4354, -11.2619, 1.8438

Sweetspot

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



6.4354, 15.4574, -30.2338



19.6353, 4.2685, -7.3619



12.9956, -3.3002, -9.1192



10.3665, 2.4279, -4.1788



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



6.4354, 15.4574, -30.2338



8.2774, 20.1400, -40.8891



9.2747, 18.9616, -17.8705



10.0569, 0.0225, -0.2979



10.1878, 24.9971, -51.9439



25.3987, 63.6944, -140.1630

Inverse Universe

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



9.9029, 18.3720, -4.5540



12.9834, 24.0200, -5.4515



17.0135, -13.5883, 10.2458



10.1646, 0.3472, 0.1685



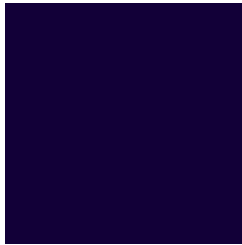
16.1741, 29.8687, -6.3703



41.5576, 76.3748, -13.5045

Previews

White Background



This preview shows how the HunterLab color 6.4352, 15.4573, -30.2347 looks on a white background.

Color Contrast Check

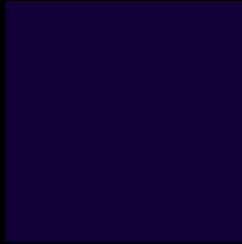
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.4352, 15.4573, -30.2347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

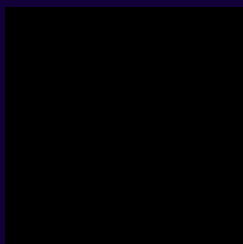
Any Text WCAG AA × Fail

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 6.4352, 15.4573, -30.2347 Background



This preview shows how black text looks on a background with the HunterLab color 6.4352, 15.4573, -30.2347.



This preview shows how white text looks on a background with the HunterLab color 6.4352, 15.4573, -30.2347.

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

6.4352, 15.4573, -30.2347

Protanopia

7.5667, 0.1140, -9.7038

Deuteranopia

7.5500, -1.5431, -6.1058

Trichromacy



Original Color

6.4352, 15.4573, -30.2347

Protanomaly

6.8846, 5.6072, -17.0399

Deuteranomaly

6.8426, 4.1818, -13.8877

Monochromacy



Original Color

6.4352, 15.4573, -30.2347

Achromatopsia

6.0634, -0.3235, 0.3294

Achromatomaly

5.9234, 4.0244, -7.2760

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 6.4352, 15.4573, -30.2347 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(18, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(18, 0, 56)  
}
```

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(18, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 0, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 6.4352, 15.4573, -30.2347 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(18, 0, 56) }
```

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

```
.border{ border-color:rgb(18, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(18, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 0, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(18, 0, 56); box-shadow:4px  
4px 4px 4px rgb(18, 0, 56) }
```


Background

The CSS property to change the background color of an element to HunterLab 6.4352, 15.4573, -30.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 0, 56) }
```

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

```
.background{ background-color: rgb(18, 0,  
56) }
```

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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