

Converting Colors

HunterLab(4.9794, 11.2919,
-13.1017)

Have a look what the booklet for
HunterLab(4.9794, 11.2919,
-13.1017) contains.

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Color

**HunterLab(5.1353, 10.8250,
-12.4231)**

Conversions

Conversions Part 1	
Format	Color
Hex	150020
RGB	21, 0, 32
RGB Percent	8%, 0%, 13%
CMY	0.9176, 1.0000, 0.8745
CMYK	0.34, 1.00, 0.00, 0.87
HSL	279°, 100%, 6%
HSV	279°, 100%, 13%
XYZ	0.5700, 0.2637, 1.3874
YIQ	9.9270, 2.2440, 14.4040

Conversions

Conversions Part 2

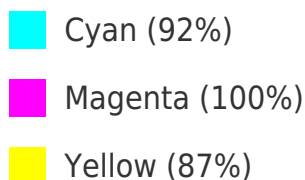
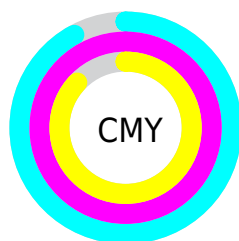
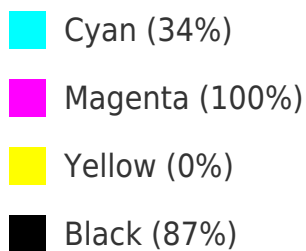
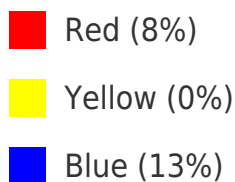
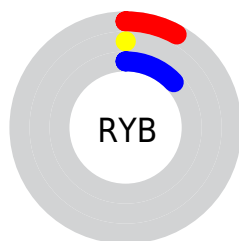
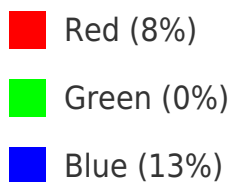
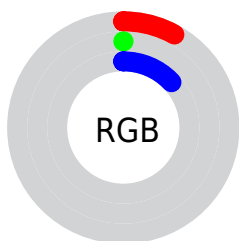
Format	Color
RYB	21, 0, 32
Decimal	1376288
CIELab	2.38, 13.08, -15.02
CIELCh	2, 19.917, 311.053
Yxy	0.2637, 0.2566, 0.1187
Android (android.graphics.Color)	4279566368 (0xFF150020)
YUV	9.9270, 10.8820, 9.7110
Hunter-Lab	5.1353, 10.8250, -12.4231

Details

The HunterLab color **5.1353, 10.8250, -12.4231** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **10.5079, -7.2705, 6.3476**, and the grayscale version is **5.4596, -0.2913, 0.2966**.

A 20% lighter version of the original color is **19.1307, 7.0911, -9.2783**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **5.1353, 10.8251, -12.4230**, and if you desaturate by 10%, it is **5.8777, 8.8023, -10.0084**.


Distribution





Brightness & Saturation Gradients

These gradients show how the HunterLab color 5.1353, 10.8250, -12.4231 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 5.1353, 10.8250, -12.4231 by changing the saturation by 10% instead.


 5.1353, 10.8250,
-12.4231

 5.1353, 10.8250,
-12.4231


 90.3129, 8.4109,
-10.3031

0.0000, NaN, -NF


0.0000, NaN, NaN

 19.0330, 7.2644,
-9.3728

0.0000, NaN, NaN

 26.9365, 7.7114,
-9.7197

0.0000, NaN, NaN


 35.7054, 8.0390,
-9.9910

0.0000, NaN, NaN

0.0000, NaN, NaN

 45.2613, 8.2665,
-10.1864

0.0000, NaN, NaN


 55.5442, 8.4081,
-10.3103


0.0000, NaN, NaN


0.0000, NaN, NaN


 66.5059, 8.4743,

-10.3679


 78.1066, 8.4731,
-10.3640


 5.1353, 10.8250,
-12.4231

 5.1353, 10.8250,
-12.4231


 5.1353, 10.8251,
-12.4230

 5.8777, 8.8023,
-10.0084

 6.5403, 7.3353,
-8.2293

 7.1455, 6.2006,
-6.8270

 7.7385, 5.2091,
-5.6100

 8.3733, 4.2106,
-4.4426

■ 9.0449, 3.2157,
-3.3277

■ 9.7488, 2.2309,
-2.2646

■ 10.4810, 1.2594,
-1.2498

■ 11.2384, 0.3021,
-0.2789

Harmonies

Analogous

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



5.1354, 2.9656, -17.5468



5.1353, 10.8250, -12.4231



5.1354, 15.7103, -4.9406

Triad

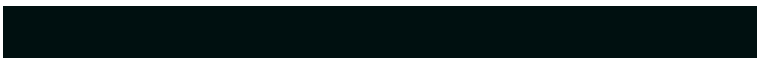
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5.1354, 10.8250, -12.4228



5.1354, 5.2133, 3.5948



5.1354, -8.9869, -2.8025

Complementary

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



5.1353, 10.8250, -12.4231



10.5079, -7.2705, 6.3476

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.



5.1354, -8.9869, 3.5948



5.1353, 10.8250, -12.4231



5.1354, -3.5142, 3.5948

Square

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



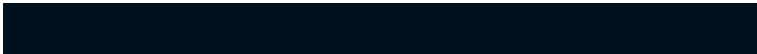
5.1354, 10.8250, -12.4228



5.1354, 12.4703, 3.5948



5.1354, -8.9869, 3.5948



5.1354, -8.9869, -10.5098

Rectangle

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



5.1353, 10.8250, -12.4231



5.1354, 16.6231, 0.5748



5.1354, -8.9869, 3.5948



5.1354, -8.9869, -0.0158

Sweetspot

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



5.1354, 10.8250, -12.4228



11.8399, 3.0073, -3.0653



5.9013, 1.2485, -10.0710



6.8456, 1.6217, -1.6484



54.3783, -2.9015, 2.9545



8.4820, -0.4526, 0.4608

Same Dimension

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



5.1354, 10.8250, -12.4228



6.2343, 13.2220, -15.7043



6.2221, 11.9420, -5.9536



6.6554, 0.0381, -0.0250



11.3669, 24.4387, -31.2014



31.1123, 67.6894, -91.5900

Inverse Universe

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



5.7554, 10.2758, 0.4648



7.0646, 12.5481, 1.0787



10.2154, -8.3921, 5.3477



6.6674, 0.0363, 0.3202



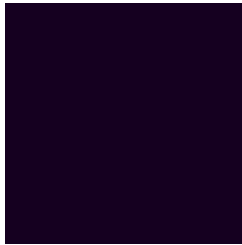
13.2074, 23.2232, 3.8429



36.9535, 64.5150, 14.3357

Previews

White Background



This preview shows how the HunterLab color 5.1353, 10.8250, -12.4231 looks on a white background.

Color Contrast Check

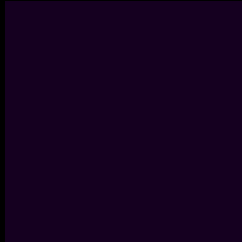
Large Text (above 18pt) WCAG AA ✓ Pass

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 5.1353, 10.8250, -12.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

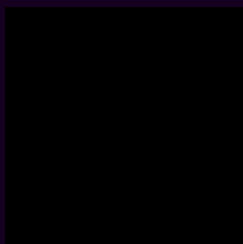
Any Text WCAG AA × Fail

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 5.1353, 10.8250, -12.4231 Background



This preview shows how black text looks on a background with the HunterLab color 5.1353, 10.8250, -12.4231.



This preview shows how white text looks on a background with the HunterLab color 5.1353, 10.8250, -12.4231.

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

5.1353, 10.8250, -12.4231

Protanopia

6.0966, -0.3184, -6.9329

Deuteranopia

6.1646, -1.4670, -4.5383



Tritanopia

6.6746, 0.7824, 0.7442

Trichromacy



Original Color

5.1353, 10.8250, -12.4231

Protanomaly

5.6036, 3.2142, -8.7899

Deuteranomaly

5.7108, 2.3730, -7.2048

Tritanomaly

6.0218, 3.7394, -2.7402

Monochromacy



Original Color

5.1353, 10.8250, -12.4231

Achromatopsia

5.5093, -0.2940, 0.2993

Achromatomaly

5.1700, 3.2236, -3.3207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 5.1353, 10.8250, -12.4231 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(21, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(21, 0, 32)  
}
```

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(21, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 0, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 5.1353, 10.8250, -12.4231 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(21, 0, 32) }
```


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

```
.border{ border-color:rgb(21, 0, 32) }
```

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

Here you see how a box with a 4 pixel rgb(21, 0, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 0, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 0, 32); box-shadow:4px  
4px 4px 4px rgb(21, 0, 32) }
```

Background

The CSS property to change the background color of an element to HunterLab 5.1353, 10.8250, -12.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 0, 32) }
```

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

```
.background{ background-color: rgb(21, 0,  
32) }
```

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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