

Converting Colors

HunterLab(12.1914, -7.0034,
8.5340)

Have a look what the booklet for
HunterLab(12.1914, -7.0034, 8.5340)
contains.

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Color

**HunterLab(12.3180, -6.5111,
7.4763)**

Conversions

Conversions Part 1

Format	Color
Hex	182500
RGB	24, 37, 0
RGB Percent	9%, 15%, 0%
CMY	0.9059, 0.8549, 1.0000
CMYK	0.35, 0.00, 1.00, 0.85
HSL	81°, 100%, 7%
HSV	81°, 100%, 15%
XYZ	1.0383, 1.5173, 0.2382
YIQ	28.8950, 4.1290, -14.2630

Conversions

Conversions Part 2

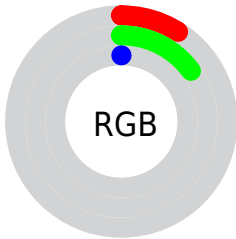
Format	Color
RYB	0, 37, 13
Decimal	1582336
CIELab	12.72, -12.84, 18.52
CIELCh	13, 22.538, 124.739
Yxy	1.5174, 0.3716, 0.5431
Android (android.graphics.Color)	4279772416 (0xFF182500)
YUV	28.8950, -14.2452, -4.2929
Hunter-Lab	12.3180, -6.5111, 7.4763

Details

The HunterLab color **12.3180, -6.5111, 7.4763** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4.6816, 10.8697, -19.0921**, and the grayscale version is **11.0939, -0.5919, 0.6028**.

A 20% lighter version of the original color is **27.2637, -9.4426, 10.7861**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3183, -6.5115, 7.4765**, and if you desaturate by 10%, it is **12.4170, -6.0574, 7.0378**.

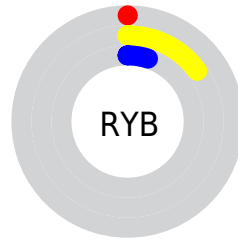
Distribution



Red (9%)

Green (15%)

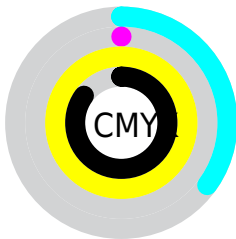
Blue (0%)



Red (0%)

Yellow (15%)

Blue (5%)

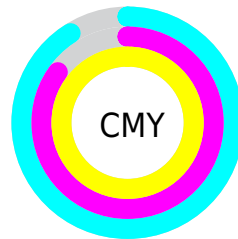


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (85%)



Cyan (91%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3180, -6.5111, 7.4763 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 12.3180, -6.5111, 7.4763 by changing the saturation by 10% instead.

■ 12.3180, -6.5111,
7.4763

■ 12.3180, -6.5111,
7.4763

■ 103.5355,
-18.4268, 22.1874

■ 5.4857, -9.5999,
3.8400

■ 27.2176, -9.4187,
10.7300

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.0141, -10.7612,
12.5285

0.0000, NaN, NaN

■ 45.5954, -12.0679,
14.2405

0.0000, NaN, NaN

■ 55.9018, -13.3531,
15.8928

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8856, -14.6262,
17.5030

0.0000, NaN, NaN

■ 78.5071, -15.8934,

0.0000, NaN, NaN

19.0834

■ 90.7333, -17.1592,
20.6427

■ 12.3180, -6.5111,
7.4763

■ 12.3180, -6.5111,
7.4763

■ 12.3183, -6.5115,
7.4765

■ 12.4170, -6.0574,
7.0378

■ 12.5181, -5.5990,
6.6090

■ 12.6217, -5.1347,
6.1858

■ 12.7329, -4.6358,
5.6948

■ 12.8536, -4.0922,
5.1087

■ 12.9839, -3.5041,
4.4264

■ 13.1238, -2.8724,
3.6475

■ 13.2735, -2.1978,
2.7724

■ 13.4329, -1.4818,
1.8023

Harmonies

Analogous

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



12.3183, -1.5869, 8.6228



12.3180, -6.5111, 7.4763



12.3183, -9.3752, 4.4805

Triad

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



12.3183, -6.5114, 7.4764



12.3183, -5.1608, -13.7481



12.3183, 12.9079, 1.5343

Complementary

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



12.3180, -6.5111, 7.4763



4.6816, 10.8697, -19.0921

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.



12.3183, 11.4594, -4.9222



12.3180, -6.5111, 7.4763



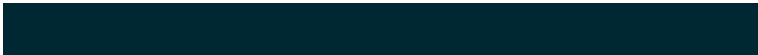
12.3183, 0.2994, -15.8035

Square

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



12.3183, -6.5114, 7.4764



12.3183, -8.7053, -7.2614



12.3183, 6.5454, -12.0075



12.3183, 10.1966, 5.5657

Rectangle

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



12.3180, -6.5111, 7.4763



12.3183, -10.1040, 1.6253



12.3183, 6.5454, -12.0075



12.3183, 12.8953, -0.3674

Sweetspot

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



12.3183, -6.5114, 7.4764



16.6941, -3.8347, 4.8677



8.2458, 5.1887, 5.1717



9.6380, -2.2112, 2.8069



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.3183, -6.5114, 7.4764



15.6488, -8.5255, 9.4935



11.6577, -9.2068, 7.0222



7.6590, -0.7467, 0.8918



25.9410, -14.7653, 15.7262



71.3113, -42.3982, 43.1994

Inverse Universe

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



4.6816, 10.8697, -19.0921



5.8011, 13.6775, -25.2655



6.5723, 13.2870, -11.5078



7.2942, -0.0416, -0.1056



9.2714, 22.3826, -44.4346



24.5835, 60.8453, -129.4258

Previews

White Background



This preview shows how the HunterLab color 12.3180, -6.5111, 7.4763 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

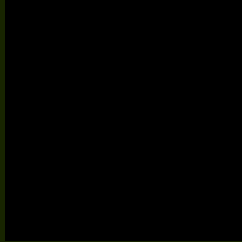
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

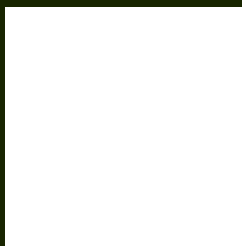
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 12.3180, -6.5111, 7.4763 Background



This preview shows how black text looks on a background with the HunterLab color 12.3180, -6.5111, 7.4763.

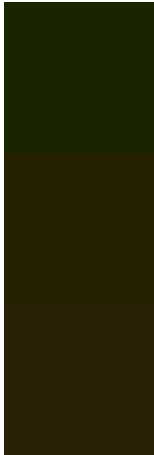


This preview shows how white text looks on a background with the HunterLab color 12.3180, -6.5111, 7.4763.

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

12.3180, -6.5111, 7.4763

Protanopia

12.2466, -1.8539, 7.5138

Deuteranopia

12.4121, -0.0099, 6.6879



Tritanopia

12.3471, -1.5869, -0.8242

Trichromacy



Original Color

12.3180, -6.5111, 7.4763

Protanomaly

12.1136, -3.5275, 7.4026

Deuteranomaly

12.2888, -2.8100, 6.9689

Tritanomaly

12.2516, -3.6962, 3.3027

Monochromacy



Original Color

12.3180, -6.5111, 7.4763

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.4442, -3.2184, 4.0308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3180, -6.5111, 7.4763 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(24, 37, 0)` looks like.

```
.text, #text, p{  
    color:rgb(24, 37, 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(24, 37, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 37, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3180, -6.5111, 7.4763 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(24, 37, 0) }
```


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

```
.border{ border-color:rgb(24, 37, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 37, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 37, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(24, 37, 0); box-shadow:4px  
4px 4px 4px rgb(24, 37, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.3180, -6.5111, 7.4763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 37, 0) }
```

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

```
.background{ background-color: rgb(24, 37,  
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](#).

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