

Converting Colors

HunterLab(12.6180, -3.5158,
-6.4657)

Have a look what the booklet for
HunterLab(12.6180, -3.5158,
-6.4657) contains.

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Color

**HunterLab(12.6180, -3.5158,
-6.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	062532
RGB	6, 37, 50
RGB Percent	2%, 15%, 20%
CMY	0.9765, 0.8549, 0.8039
CMYK	0.88, 0.26, 0.00, 0.80
HSL	198°, 79%, 11%
HSV	198°, 88%, 20%
XYZ	1.3124, 1.5921, 3.2558
YIQ	29.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

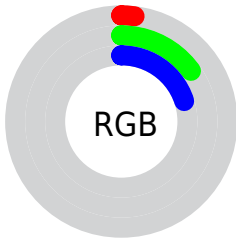
Format	Color
RYB	6, 24, 50
Decimal	402738
CIELab	13.18, -5.83, -11.76
CIELCh	13, 13.129, 243.626
Yxy	1.5922, 0.2130, 0.2585
Android (android.graphics.Color)	4278592818 (0xFF062532)
YUV	29.2130, 10.2480, -20.3578
Hunter-Lab	12.6180, -3.5158, -6.4657

Details

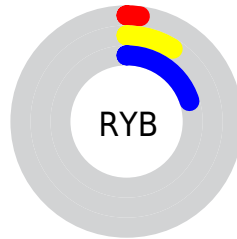
The HunterLab color **12.6180, -3.5158, -6.4657** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.7568, 7.4144, 5.8081**, and the grayscale version is **11.1250, -0.5936, 0.6044**.

A 20% lighter version of the original color is **27.7333, -5.3831, -6.6635**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1237, -3.4777, -7.3479**, and if you desaturate by 10%, it is **13.1089, -3.5741, -5.6334**.

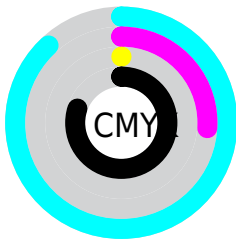
Distribution



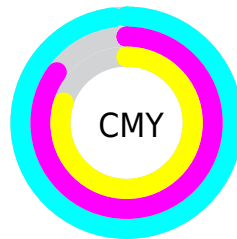
- Red (2%)
- Green (15%)
- Blue (20%)



- Red (2%)
- Yellow (9%)
- Blue (20%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6180, -3.5158, -6.4657 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 12.6180, -3.5158, -6.4657 by changing the saturation by 10% instead.

■ 12.6180, -3.5158,
-6.4657

■ 12.6180, -3.5158,
-6.4657

■ 104.1435,
-11.5120, -6.5496

■ 5.9357, -4.5984,
-8.0979

■ 27.6077, -5.2349,
-6.9899

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.4421, -6.0907,
-7.1256

0.0000, NaN, NaN

■ 46.0583, -6.9557,
-7.1848

0.0000, NaN, NaN

■ 56.3972, -7.8339,
-7.1744

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4113, -8.7274,
-7.1008

0.0000, NaN, NaN

■ 79.0617, -9.6378,

0.0000, NaN, NaN

-6.9693

■ 91.3152, -10.5658,
-6.7843

■ 12.6180, -3.5158,
-6.4657

■ 12.6180, -3.5158,
-6.4657

■ 12.1237, -3.4777,
-7.3479

■ 13.1089, -3.5741,
-5.6334

■ 12.0240, -3.4731,
-7.5316

■ 13.6200, -3.5638,
-4.8062

■ 14.1623, -3.4454,
-3.9669

■ 14.7348, -3.2245,
-3.1194

■ 15.3362, -2.9076,
-2.2671

■ 15.9650, -2.5019,
-1.4130

■ 16.6199, -2.0143,
-0.5593

■ 17.2995, -1.4520,
0.2921

■ 18.0022, -0.8214,
1.1399

Harmonies

Analogous

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



12.6182, -5.7844, -3.3791



12.6180, -3.5158, -6.4657



12.6182, -0.2472, -7.4779

Triad

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



12.6182, -3.5157, -6.4655



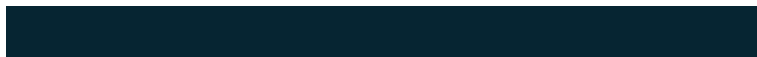
12.6182, 6.7367, 1.0835



12.6182, -4.1755, 4.9574

Complementary

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



12.6180, -3.5158, -6.4657



10.7568, 7.4144, 5.8081

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.



12.6182, -1.0951, 5.6705



12.6180, -3.5158, -6.4657



12.6182, 5.4066, 3.7323

Square

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



12.6182, -3.5157, -6.4655



12.6182, 5.9105, -2.4868



12.6182, 2.4440, 5.2302



12.6182, -6.1353, 3.2038

Rectangle

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



12.6180, -3.5158, -6.4657



12.6182, 2.1264, -6.6630



12.6182, 2.4440, 5.2302



12.6182, -3.2495, 5.3176

Sweetspot

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



12.6182, -3.5157, -6.4655



20.2204, -3.1195, -1.7083



15.3792, -11.4907, 6.9910



11.0708, -1.7310, -0.9734



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.



12.6182, -3.5157, -6.4655



14.9585, -4.0603, -9.9317



7.9119, 4.8649, -17.6531



9.6871, -0.8228, 0.1511



20.6573, -5.1759, -14.6465



52.6156, -11.2146, -41.5558

Inverse Universe

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



9.7056, 14.5472, -4.4571



11.2713, 20.9775, -5.7012



14.9685, -0.8787, 8.5254



9.4498, 0.3024, 0.1474



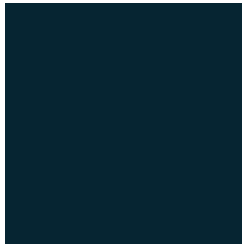
15.7917, 29.3078, -7.3463



41.2356, 76.1712, -16.4083

Previews

White Background



This preview shows how the HunterLab color 12.6180, -3.5158, -6.4657 looks on a white background.

Color Contrast Check

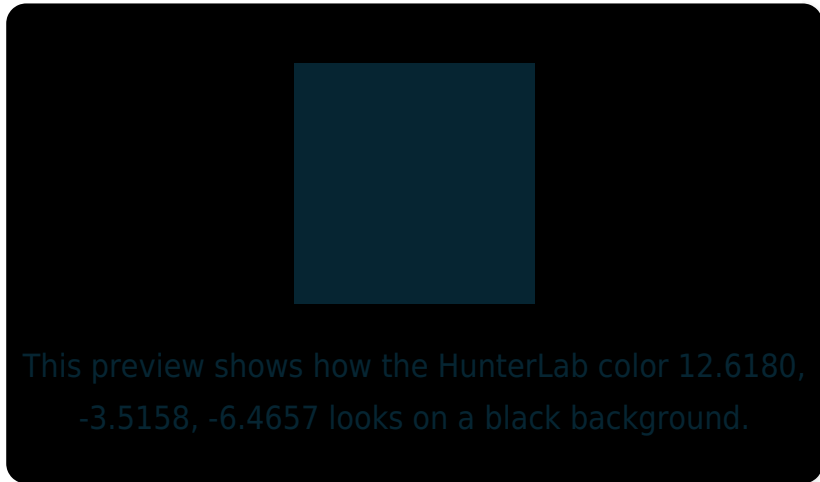
Large Text (above 18pt) WCAG AA ✓ Pass

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

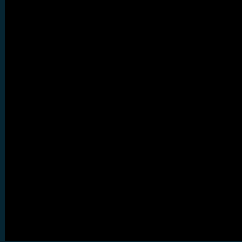
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

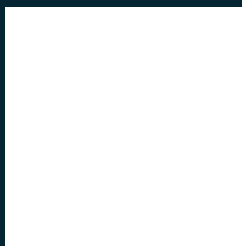
Any Text WCAG AAA × Fail

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

HunterLab 12.6180, -3.5158, -6.4657 Background



This preview shows how black text looks on a background with the HunterLab color 12.6180, -3.5158, -6.4657.



This preview shows how white text looks on a background with the HunterLab color 12.6180, -3.5158, -6.4657.

-6.4657.

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

12.6180, -3.5158, -6.4657

Protanopia

12.7807, 0.5517, -5.0870

Deuteranopia

12.7125, 0.5219, -6.7647



Tritanopia

12.4351, -6.0669, -2.4461

Trichromacy



Original Color

12.6180, -3.5158, -6.4657

Protanomaly

12.5827, -1.2417, -5.9602

Deuteranomaly

12.5679, -1.1565, -7.0512

Tritanomaly

12.5737, -5.3550, -3.5821

Monochromacy



Original Color

12.6180, -3.5158, -6.4657

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.5153, -2.1752, -1.9541

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6180, -3.5158, -6.4657 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(6, 37, 50)` looks like.

```
.text, #text, p{  
    color:rgb(6, 37, 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(6, 37, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 37, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6180, -3.5158, -6.4657 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(6, 37, 50) }
```


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

```
.border{ border-color:rgb(6, 37, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 37, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 37, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 37, 50); box-shadow:4px  
4px 4px 4px rgb(6, 37, 50) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6180, -3.5158, -6.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 37, 50) }
```

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

```
.background{ background-color: rgb(6, 37,  
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](#).

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