

Converting Colors

HunterLab(10.4204, -9.9236,
-9.2664)

Have a look what the booklet for
HunterLab(10.4204, -9.9236,
-9.2664) contains.

HunterLab(11.8630, -3.9962, -6.2010)	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(11.8630, -3.9962,
-6.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	00232F
RGB	0, 35, 47
RGB Percent	0%, 14%, 18%
CMY	1.0000, 0.8627, 0.8157
CMYK	1.00, 0.26, 0.00, 0.82
HSL	195°, 100%, 9%
HSV	195°, 100%, 18%
XYZ	1.1141, 1.4073, 2.9022
YIQ	25.9030, -24.7120, -3.6880

Conversions

Conversions Part 2

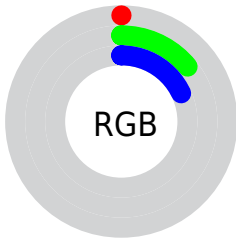
Format	Color
RYB	0, 20, 47
Decimal	9007
CIELab	12.01, -7.14, -11.46
CIELCh	12, 13.497, 238.081
Yxy	1.4074, 0.2054, 0.2595
Android (android.graphics.Color)	4278199087 (0xFF00232F)
YUV	25.9030, 10.4008, -22.7169
Hunter-Lab	11.8630, -3.9962, -6.2010

Details

The HunterLab color **11.8630, -3.9962, -6.2010** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.3131, 8.6916, 5.8904**, and the grayscale version is **10.1091, -0.5394, 0.5492**.

A 20% lighter version of the original color is **26.5240, -5.7803, -6.9061**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.8630, -3.9961, -6.2012**, and if you desaturate by 10%, it is **12.2862, -3.9371, -5.4763**.

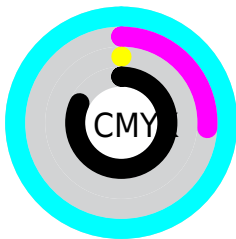
Distribution



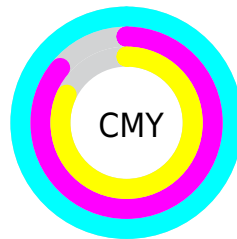
- Red (0%)
- Green (14%)
- Blue (18%)



- Red (0%)
- Yellow (8%)
- Blue (18%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8630, -3.9962, -6.2010 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 11.8630, -3.9962, -6.2010 by changing the saturation by 10% instead.

■ 11.8630, -3.9962,
-6.2010

■ 11.8630, -3.9962,
-6.2010

■ 102.6058,
-12.7047, -6.2459

■ 4.7131, -6.8493,
-9.8461

■ 26.6234, -5.9358,
-6.7209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.3613, -6.8803,
-6.8530

0.0000, NaN, NaN

■ 44.8889, -7.8253,
-6.9077

0.0000, NaN, NaN

■ 55.1454, -8.7768,
-6.8925

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0823, -9.7385,
-6.8137

0.0000, NaN, NaN

■ 77.6597, -10.7128,

0.0000, NaN, NaN

-6.6768

■ 89.8438, -11.7012,
-6.4862

■ 11.8630, -3.9962,
-6.2010

■ 11.8630, -3.9962,
-6.2010

■ 11.8630, -3.9961,
-6.2012

■ 12.2862, -3.9371,
-5.4763

■ 12.7048, -3.8999,
-4.7901

■ 13.1315, -3.8373,
-4.1182

■ 13.5864, -3.6759,
-3.4287

■ 14.0688, -3.4190,
-2.7244

■ 14.5780, -3.0718,
-2.0087

■ 15.1129, -2.6400,
-1.2844

■ 15.6724, -2.1299,
-0.5540

■ 16.2553, -1.5477,
0.1802

Harmonies

Analogous

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



11.8632, -6.0216, -2.7924



11.8630, -3.9962, -6.2010



11.8632, -0.8588, -7.7327

Triad

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



11.8632, -3.9961, -6.2008



11.8632, 6.8956, 0.4287



11.8632, -3.6472, 5.2319

Complementary

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



11.8630, -3.9962, -6.2010



9.3131, 8.6916, 5.8904

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.



11.8632, -0.4068, 5.7844



11.8630, -3.9962, -6.2010



11.8632, 5.9295, 3.2884

Square

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



11.8632, -3.9961, -6.2008



11.8632, 5.6576, -3.2762



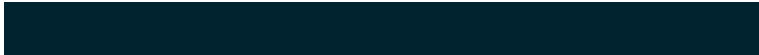
11.8632, 3.1509, 5.0740



11.8632, -5.8372, 3.5645

Rectangle

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



11.8630, -3.9962, -6.2010



11.8632, 1.5352, -7.2249



11.8632, 3.1509, 5.0740



11.8632, -2.6570, 5.5542

Sweetspot

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



11.8632, -3.9961, -6.2008



19.3067, -3.4947, -1.8093



14.3493, -11.6588, 7.2333



10.3038, -1.8789, -0.9849



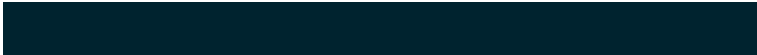
58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



11.8632, -3.9961, -6.2008



15.0332, -4.8387, -8.3449



6.7987, 4.9478, -19.1774



8.9732, -0.7822, 0.1768



21.0093, -6.4057, -12.4316



54.6235, -15.0420, -35.8033

Inverse Universe

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



8.5191, 16.0121, -5.5372



10.9196, 20.4759, -6.7097



13.4953, -0.0630, 8.3143



8.7444, 0.2608, 0.1205



15.4546, 28.9033, -8.9036



41.0453, 76.4331, -21.0866

Previews

White Background



This preview shows how the HunterLab color 11.8630, -3.9962, -6.2010 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

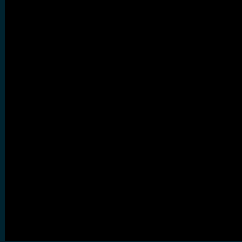
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

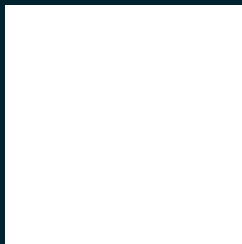
Any Text WCAG AAA × Fail

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

HunterLab 11.8630, -3.9962, -6.2010 Background



This preview shows how black text looks on a background with the HunterLab color 11.8630, -3.9962, -6.2010.



This preview shows how white text looks on a background with the HunterLab color 11.8630, -3.9962, -6.2010.

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

11.8630, -3.9962, -6.2010

Protanopia

12.1807, 0.6192, -4.5677

Deuteranopia

12.1080, 0.5709, -6.2220



Tritanopia

11.8669, -5.7691, -2.3787

Trichromacy



Original Color

11.8630, -3.9962, -6.2010

Protanomaly

11.8894, -1.4923, -5.5897

Deuteranomaly

11.9176, -1.2568, -6.5901

Tritanomaly

11.9537, -5.2579, -3.5909

Monochromacy



Original Color

11.8630, -3.9962, -6.2010

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.5517, -2.2380, -2.0409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8630, -3.9962, -6.2010 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(0, 35, 47)` looks like.

```
.text, #text, p{  
    color:rgb(0, 35, 47)  
}
```

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(0, 35, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 35, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8630, -3.9962, -6.2010 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(0, 35, 47) }
```


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

```
.border{ border-color:rgb(0, 35, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 35, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 35, 47); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 35, 47); box-shadow:4px  
4px 4px 4px rgb(0, 35, 47) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.8630, -3.9962, -6.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 35, 47) }
```

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

```
.background{ background-color: rgb(0, 35,  
47) }
```

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