

Converting Colors

HunterLab(11.9936, -0.8052,
-6.4479)

Have a look what the booklet for
HunterLab(11.9936, -0.8052,
-6.4479) contains.

HunterLab(12.0409, -0.8236, -6.3640)	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(12.0409, -0.8236,
-6.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	142130
RGB	20, 33, 48
RGB Percent	8%, 13%, 19%
CMY	0.9216, 0.8706, 0.8118
CMYK	0.58, 0.31, 0.00, 0.81
HSL	212°, 41%, 13%
HSV	212°, 58%, 19%
XYZ	1.3658, 1.4498, 3.0042
YIQ	30.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

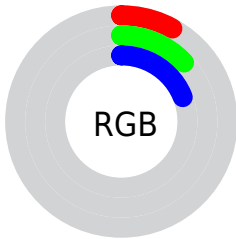
Format	Color
RYB	20, 29, 48
Decimal	1319216
CIELab	12.29, -0.36, -11.67
CIELCh	12, 11.671, 268.232
Yxy	1.4499, 0.2347, 0.2491
Android (android.graphics.Color)	4279509296 (0xFF142130)
YUV	30.8230, 8.4683, -9.4918
Hunter-Lab	12.0409, -0.8236, -6.3640

Details

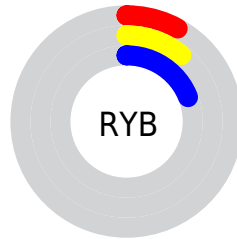
The HunterLab color **12.0409, -0.8236, -6.3640** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.7150, 1.3293, 5.6131**, and the grayscale version is **11.6279, -0.6204, 0.6318**.

A 20% lighter version of the original color is **26.9067, -1.6156, -6.7832**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.2564, -0.5268, -7.8019**, and if you desaturate by 10%, it is **12.8591, -1.0218, -4.9873**.

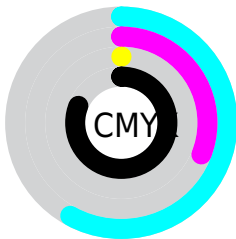
Distribution



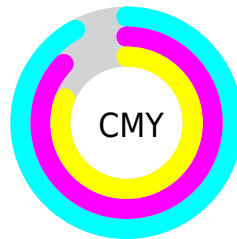
- Red (8%)
- Green (13%)
- Blue (19%)



- Red (8%)
- Yellow (11%)
- Blue (19%)



- Cyan (58%)
- Magenta (31%)
- Yellow (0%)
- Black (81%)



- Cyan (92%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0409, -0.8236, -6.3640 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 12.0409, -0.8236, -6.3640 by changing the saturation by 10% instead.

■ 12.0409, -0.8236,
-6.3640

■ 12.0409, -0.8236,
-6.3640

■ 102.9704, -5.8697,
-6.4675

■ 5.0305, -0.5806,
-9.4054

■ 26.8561, -1.6705,
-6.8956

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.6170, -2.1618,
-7.0345

0.0000, NaN, NaN

■ 45.1657, -2.6933,
-7.0961

0.0000, NaN, NaN

■ 55.4419, -3.2620,
-7.0877

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3972, -3.8659,
-7.0157

0.0000, NaN, NaN

■ 77.9919, -4.5028,

0.0000, NaN, NaN

-6.8854

■ 90.1925, -5.1712,
-6.7014

■ 12.0409, -0.8236,
-6.3640

■ 12.0409, -0.8236,
-6.3640

■ 11.2564, -0.5268,
-7.8019

■ 12.8591, -1.0218,
-4.9873

■ 10.5086, -0.1196,
-9.3038

■ 13.7073, -1.1325,
-3.6689

■ 9.7832, 0.3477,
-10.9124

■ 14.5828, -1.1661,
-2.4037

■ 9.0559, 0.7940,
-12.7138

■ 15.4834, -1.1315,
-1.1869

■ 8.9342, 0.8663,
-13.0370

■ 16.4068, -1.0369,
-0.0136

■ 17.3512, -0.8893,
1.1210

■ 18.3151, -0.6945,
2.2212

■ 19.2970, -0.4579,
3.2910

■ 20.2956, -0.1838,
4.3339

Harmonies

Analogous

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



12.0411, -3.5789, -5.1204



12.0409, -0.8236, -6.3640



12.0411, 2.2597, -5.3713

Triad

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



12.0411, -0.8236, -6.3637



12.0411, 4.9741, 3.0079



12.0411, -5.2361, 3.2391

Complementary

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



12.0409, -0.8236, -6.3640



13.7150, 1.3293, 5.6131

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.



12.0411, -3.2946, 4.6766



12.0409, -0.8236, -6.3640



12.0411, 2.6040, 4.5527

Square

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



12.0411, -0.8236, -6.3637



12.0411, 5.8000, 0.4820



12.0411, -0.4616, 5.1527



12.0411, -5.9640, 0.8264

Rectangle

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



12.0409, -0.8236, -6.3640



12.0411, 4.0526, -3.6863



12.0411, -0.4616, 5.1527



12.0411, -4.7140, 3.8131

Sweetspot

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



12.0411, -0.8236, -6.3637



19.5700, -1.4224, -1.4271



15.4390, -7.9660, 3.2872



10.4673, -0.7594, -0.7506



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.



12.0411, -0.8236, -6.3637



13.6873, -0.4124, -10.8199



9.3407, 4.5136, -11.9150



8.8348, -0.5553, 0.0119



14.8927, 3.6075, -26.4022



37.2480, 14.6906, -78.2695

Inverse Universe

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



11.1290, 8.4906, -0.6594



12.5873, 13.6075, -0.7428



16.6444, -3.8331, 7.8314



8.7302, 0.1839, 0.3231



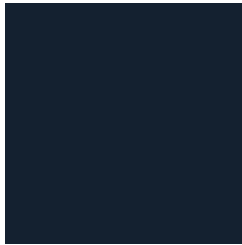
14.7199, 26.2607, 1.3530



39.0329, 69.1750, 7.1613

Previews

White Background



This preview shows how the HunterLab color 12.0409, -0.8236, -6.3640 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

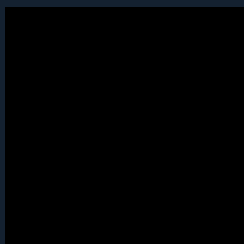
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

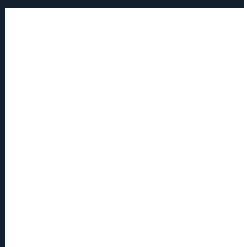
Any Text WCAG AAA × Fail

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

HunterLab 12.0409, -0.8236, -6.3640 Background



This preview shows how black text looks on a background with the HunterLab color 12.0409, -0.8236, -6.3640.



This preview shows how white text looks on a background with the HunterLab color 12.0409, -0.8236, -6.3640.

-6.3640.

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

12.0409, -0.8236, -6.3640

Protanopia

12.1296, 0.5765, -5.6612

Deuteranopia

12.0544, 0.3896, -6.3190



Tritanopia

12.0506, -3.8382, -1.6638

Trichromacy



Original Color

12.0409, -0.8236, -6.3640

Protanomaly

11.9685, 0.0288, -5.9470

Deuteranomaly

11.9523, 0.0417, -6.5055

Tritanomaly

11.9599, -2.7049, -3.5368

Monochromacy



Original Color

12.0409, -0.8236, -6.3640

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.8305, -1.0521, -1.5002

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0409, -0.8236, -6.3640 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(20, 33, 48)` looks like.

```
.text, #text, p{  
    color:rgb(20, 33, 48)  
}
```

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(20, 33, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 33, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0409, -0.8236, -6.3640 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(20, 33, 48) }
```


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

```
.border{ border-color:rgb(20, 33, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 33, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 33, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 33, 48);  
box-shadow:4px 4px 4px 4px rgb(20, 33, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0409, -0.8236, -6.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 33, 48) }
```

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

```
.background{ background-color: rgb(20, 33,  
48) }
```

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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