

Converting Colors

HunterLab(16.1563, -4.1090,
-5.8046)

Have a look what the booklet for
HunterLab(16.1563, -4.1090,
-5.8046) contains.

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Color

**HunterLab(16.1232, -4.0607,
-5.8564)**

Conversions

Conversions Part 1

Format	Color
Hex	15303C
RGB	21, 48, 60
RGB Percent	8%, 19%, 24%
CMY	0.9176, 0.8118, 0.7647
CMYK	0.65, 0.20, 0.00, 0.76
HSL	198°, 48%, 16%
HSV	198°, 65%, 24%
XYZ	2.1818, 2.5996, 4.6617
YIQ	41.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

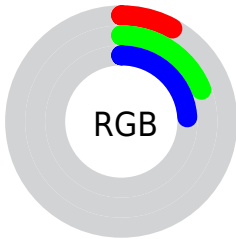
Format	Color
R_{YB}	21, 37, 60
Decimal	1388604
CIE Lab	18.36, -6.02, -10.72
CIE LCh	18, 12.292, 240.699
Yxy	2.5997, 0.2311, 0.2753
Android (android.graphics.Color)	4279578684 (0xFF15303C)
YUV	41.2950, 9.2216, -17.7987
Hunter-Lab	16.1232, -4.0607, -5.8564

Details

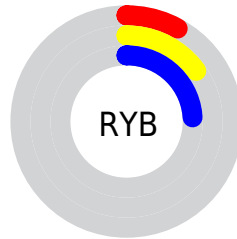
The HunterLab color **16.1232, -4.0607, -5.8564** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.5003, 5.9260, 6.1375**, and the grayscale version is **14.9627, -0.7984, 0.8130**.

A 20% lighter version of the original color is **32.0872, -5.8609, -6.0330**, and **2.5570, 3.9049, -11.6255** is the 20% darker color. If you saturate the color by 10%, you get **15.4723, -4.0527, -6.9189**, and if you desaturate by 10%, it is **16.8150, -3.9305, -4.7813**.

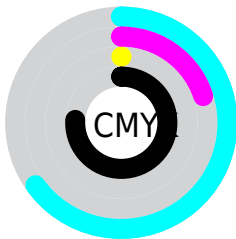
Distribution



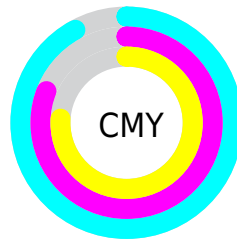
- Red (8%)
- Green (19%)
- Blue (24%)



- Red (8%)
- Yellow (15%)
- Blue (24%)



- Cyan (65%)
- Magenta (20%)
- Yellow (0%)
- Black (76%)



- Cyan (92%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1232, -4.0607, -5.8564 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 16.1232, -4.0607, -5.8564 by changing the saturation by 10% instead.

■ 16.1232, -4.0607,
-5.8564

■ 16.1232, -4.0607,
-5.8564

■ 111.0075,
-12.1989, -5.2521

■ 9.6255, -3.2482,
-5.5506

■ 32.0829, -5.7992,
-6.2036

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.3307, -6.6709,
-6.2535

0.0000, NaN, NaN

■ 51.3278, -7.5532,
-6.2317

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0219, -8.4492,
-6.1449

0.0000, NaN, NaN

■ 73.3701, -9.3608,
-5.9992

0.0000, NaN, NaN

■ 85.3367, -10.2892,

0.0000, NaN, NaN

-5.7992

97.8913, -11.2351,
-5.5490

16.1232, -4.0607,
-5.8564

16.1232, -4.0607,
-5.8564

15.4723, -4.0527,
-6.9189

16.8150, -3.9305,
-4.7813

14.8620, -3.9028,
-7.9651

17.5450, -3.6699,
-3.6996

14.2637, -3.7167,
-9.0457

18.3119, -3.2880,
-2.6154

13.9630, -3.6319,
-9.6123

19.1136, -2.7944,
-1.5321

19.9482, -2.1988,
-0.4527

■ 20.8137, -1.5104,
0.6210

■ 21.7081, -0.7377,
1.6875

■ 22.6299, 0.1111,
2.7459

■ 23.5772, 1.0289,
3.7957

Harmonies

Analogous

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



16.1235, -6.3094, -2.7927



16.1232, -4.0607, -5.8564



16.1235, -0.7780, -7.0375

Triad

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



16.1235, -4.0607, -5.8561



16.1235, 6.5297, 0.9565



16.1235, -4.1929, 5.5137

Complementary

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



16.1232, -4.0607, -5.8564



14.5003, 5.9260, 6.1375

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.



16.1235, -0.9442, 6.1049



16.1232, -4.0607, -5.8564



16.1235, 5.4228, 3.8473

Square

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



16.1235, -4.0607, -5.8561



16.1235, 5.5183, -2.6259



16.1235, 2.6091, 5.5669



16.1235, -6.3810, 3.7373

Rectangle

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



16.1232, -4.0607, -5.8564



16.1235, 1.6174, -6.4352



16.1235, 2.6091, 5.5669



16.1235, -3.1985, 5.8380

Sweetspot

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



16.1235, -4.0607, -5.8561



25.7123, -3.2953, -1.2929



18.7065, -11.7865, 6.8294



13.5542, -1.7959, -0.7761



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



16.1235, -4.0607, -5.8561



19.8191, -5.2207, -10.0365



11.6392, 3.5468, -14.5426



11.1742, -0.9581, 0.1362



21.5217, -4.9449, -16.2257



53.1430, -10.1953, -44.4153

Inverse Universe

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



13.0785, 13.4885, -4.3822



15.5068, 21.8180, -6.4496



18.6782, -1.7632, 9.2262



10.8903, 0.4064, 0.1543



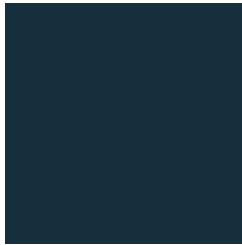
16.6841, 30.8818, -7.1237



42.2201, 77.7967, -15.3031

Previews

White Background



This preview shows how the HunterLab color 16.1232, -4.0607, -5.8564 looks on a white background.

Color Contrast Check

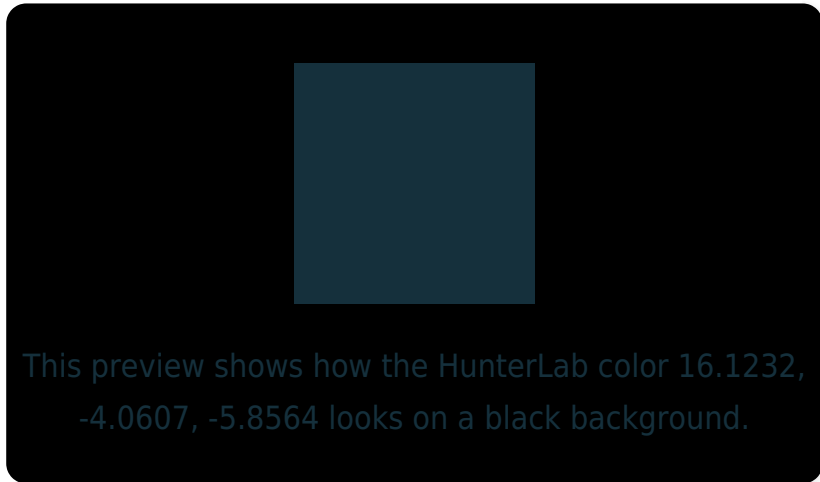
Large Text (above 18pt) WCAG AA ✓ Pass

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

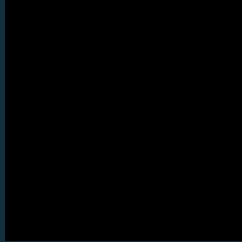
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

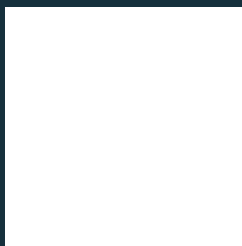
Any Text WCAG AAA × Fail

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

HunterLab 16.1232, -4.0607, -5.8564 Background



This preview shows how black text looks on a background with the HunterLab color 16.1232, -4.0607, -5.8564.



This preview shows how white text looks on a background with the HunterLab color 16.1232, -4.0607, -5.8564.

-5.8564.

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

16.1232, -4.0607, -5.8564

Protanopia

16.0256, 0.3990, -4.4393

Deuteranopia

16.0916, 0.8811, -6.3357



Tritanopia

16.0401, -6.1240, -2.6734

Trichromacy



Original Color

16.1232, -4.0607, -5.8564

Protanomaly

15.8819, -1.2486, -5.1794

Deuteranomaly

15.9280, -0.8897, -6.6346

Tritanomaly

16.1578, -5.5013, -3.8687

Monochromacy



Original Color

16.1232, -4.0607, -5.8564

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.3455, -2.4986, -1.3919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1232, -4.0607, -5.8564 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, 48, 60)` looks like.

```
.text, #text, p{  
    color:rgb(21, 48, 60)  
}
```

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, 48, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 48, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1232, -4.0607, -5.8564 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, 48, 60) }
```


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

```
.border{ border-color:rgb(21, 48, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 48, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 48, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 48, 60);  
box-shadow:4px 4px 4px 4px rgb(21, 48, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1232, -4.0607, -5.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 48, 60) }
```

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

```
.background{ background-color: rgb(21, 48,  
60) }
```

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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