

Converting Colors

HunterLab(16.0303, 5.2854,
-6.7051)

Have a look what the booklet for
HunterLab(16.0303, 5.2854, -6.7051)
contains.

HunterLab(16.0287, 5.2866, -6.8885)	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(16.0287, 5.2866,
-6.8885)**

Conversions

Conversions Part 1

Format	Color
Hex	33283E
RGB	51, 40, 62
RGB Percent	20%, 16%, 24%
CMY	0.8000, 0.8431, 0.7569
CMYK	0.18, 0.35, 0.00, 0.76
HSL	270°, 22%, 20%
HSV	270°, 35%, 24%
XYZ	2.9935, 2.5692, 4.8955
YIQ	45.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

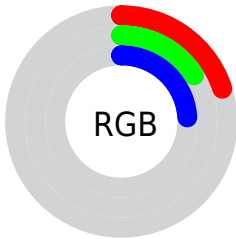
Format	Color
R_{YB}	51, 40, 62
Decimal	3352638
CIE _{Lab}	18.23, 10.36, -12.10
CIE _{LCh}	18, 15.933, 310.574
Yxy	2.5693, 0.2862, 0.2457
Android (android.graphics.Color)	4281542718 (0xFF33283E)
YUV	45.7970, 7.9881, 4.5630
Hunter-Lab	16.0287, 5.2866, -6.8885

Details

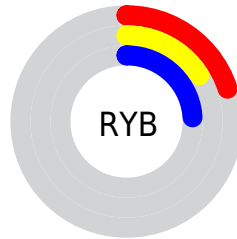
The HunterLab color **16.0287, 5.2866, -6.8885** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.7420, -6.4286, 6.9300**, and the grayscale version is **16.4369, -0.8770, 0.8930**.

A 20% lighter version of the original color is **31.9679, 6.0354, -7.5557**, and **2.1683, 5.8816, -15.4070** is the 20% darker color. If you saturate the color by 10%, you get **14.5138, 7.1938, -9.5484**, and if you desaturate by 10%, it is **17.6199, 3.4178, -4.4184**.

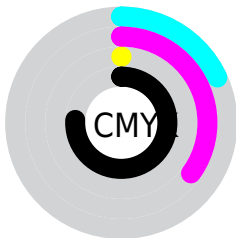
Distribution



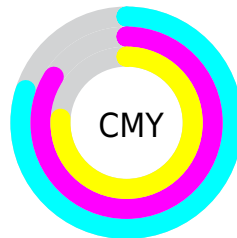
- Red (20%)
- Green (16%)
- Blue (24%)



- Red (20%)
- Yellow (16%)
- Blue (24%)



- Cyan (18%)
- Magenta (35%)
- Yellow (0%)
- Black (76%)



- Cyan (80%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0287, 5.2866, -6.8885 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 16.0287, 5.2866, -6.8885 by changing the saturation by 10% instead.

■ 16.0287, 5.2866,
-6.8885

■ 16.0287, 5.2866,
-6.8885

■ 110.8277, 5.2102,
-6.7931

■ 9.5460, 4.8057,
-6.5378

■ 31.9641, 5.8302,
-7.3547

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.2013, 5.9467,
-7.4653

0.0000, NaN, NaN

■ 51.1888, 5.9810,
-7.5027

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8738, 5.9435,
-7.4734

0.0000, NaN, NaN

■ 73.2135, 5.8422,
-7.3834

0.0000, NaN, NaN

■ 85.1720, 5.6830,

0.0000, NaN, NaN

-7.2373

97.7189, 5.4710,
-7.0394

16.0287, 5.2866,
-6.8885

16.0287, 5.2866,
-6.8885

14.5138, 7.1938,
-9.5484

17.6199, 3.4178,
-4.4184

13.0878, 9.1310,
-12.4216

19.2757, 1.5893,
-2.1128

11.7684, 11.0718,
-15.5154

20.9880, -0.2026,
0.0546

10.5771, 12.9615,
-18.8026

22.7500, -1.9626,
2.1067

9.5360, 14.7116,
-22.2025

24.5564, -3.6959,
4.0631

■ 8.4979, 16.8066,
-26.2670

■ 26.4028, -5.4072,
5.9404

■ 7.9944, 18.0412,
-28.5580

■ 28.2856, -7.1010,
7.7521

■ 30.2017, -8.7811,
9.5095

■ 32.1487, -10.4507,
11.2218

Harmonies

Analogous

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



16.0290, 0.7928, -9.7461



16.0287, 5.2866, -6.8885



16.0290, 8.3275, -2.1727

Triad

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



16.0290, 5.2863, -6.8881



16.0290, 2.1806, 6.9348



16.0290, -8.6300, -0.7429

Complementary

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



16.0287, 5.2866, -6.8885



20.7420, -6.4286, 6.9300

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.



16.0290, -8.3474, 3.4172



16.0287, 5.2866, -6.8885



16.0290, -2.4410, 7.1181

Square

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



16.0290, 5.2863, -6.8881



16.0290, 6.3998, 5.4225



16.0290, -6.1935, 6.0222



16.0290, -7.0142, -5.5920

Rectangle

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



16.0287, 5.2866, -6.8885



16.0290, 8.9393, 0.9562



16.0290, -6.1935, 6.0222



16.0290, -8.7489, 0.7883

Sweetspot

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



16.0290, 5.2863, -6.8881



26.2705, 1.1501, -1.6286



17.8853, -1.9116, -4.1207



13.4352, 0.6328, -0.8874



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.



16.0290, 5.2863, -6.8881



19.2073, 9.3494, -12.3964



16.9641, 8.1092, -5.3333



10.8070, 0.1679, -0.2991



11.9288, 27.2558, -45.2169



29.3947, 68.2532, -119.8709

Inverse Universe

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



16.6758, 6.6013, -0.7447



20.3494, 11.4850, -1.4165



20.1420, -8.7057, 6.3495



10.8768, 0.3334, 0.3470



16.1396, 28.9200, 0.5039



40.8068, 72.6913, 4.5982

Previews

White Background



This preview shows how the HunterLab color 16.0287, 5.2866, -6.8885 looks on a white background.

Color Contrast Check

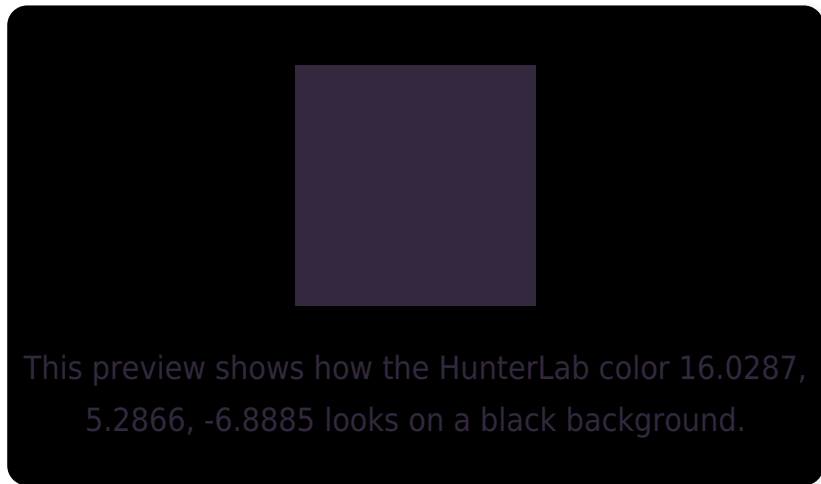
Large Text (above 18pt) WCAG AA ✓ Pass

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

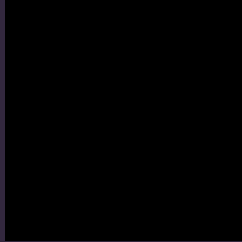
Any Text WCAG AA × Fail

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 16.0287, 5.2866, -6.8885 Background



This preview shows how black text looks on a background with the HunterLab color 16.0287, 5.2866, -6.8885.



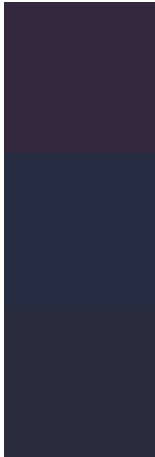
This preview shows how white text looks on a background with the HunterLab color 16.0287, 5.2866, -6.8885.

-6.8885.

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

16.0287, 5.2866, -6.8885

Protanopia

16.1093, 1.2182, -8.4584

Deuteranopia

16.0916, 0.8811, -6.3357



Tritanopia

16.0043, 0.9452, -0.0847

Trichromacy



Original Color

16.0287, 5.2866, -6.8885

Protanomaly

16.1602, 2.4880, -7.7946

Deuteranomaly

16.1250, 2.1666, -6.2590

Tritanomaly

15.9901, 2.3189, -2.1527

Monochromacy



Original Color

16.0287, 5.2866, -6.8885

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.3636, 1.2465, -1.6664

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0287, 5.2866, -6.8885 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(51, 40, 62)` looks like.

```
.text, #text, p{  
    color:rgb(51, 40, 62)  
}
```

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(51, 40, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 40, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0287, 5.2866, -6.8885 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(51, 40, 62) }
```


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

```
.border{ border-color:rgb(51, 40, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 40, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 40, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 40, 62);  
box-shadow:4px 4px 4px 4px rgb(51, 40, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0287, 5.2866, -6.8885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 40, 62) }
```

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

```
.background{ background-color: rgb(51, 40,  
62) }
```

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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