

Converting Colors

HunterLab(16.8180, 6.4361,
-12.3636)

Have a look what the booklet for
HunterLab(16.8180, 6.4361,
-12.3636) contains.

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Color

**HunterLab(16.8180, 6.4361,
-12.3636)**

Conversions

Conversions Part 1

Format	Color
Hex	322A4A
RGB	50, 42, 74
RGB Percent	20%, 16%, 29%
CMY	0.8039, 0.8353, 0.7098
CMYK	0.32, 0.43, 0.00, 0.71
HSL	255°, 28%, 23%
HSV	255°, 43%, 29%
XYZ	3.3794, 2.8285, 6.8464
YIQ	48.0400, -5.5040, 11.6480

Conversions

Conversions Part 2

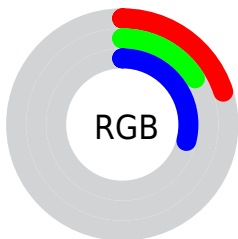
Format	Color
R _Y B	50, 42, 74
Decimal	3287626
CIE Lab	19.34, 12.07, -18.59
CIE LCh	19, 22.167, 302.993
Yxy	2.8286, 0.2589, 0.2167
Android (android.graphics.Color)	4281477706 (0xFF322A4A)
YUV	48.0400, 12.7983, 1.7189
Hunter-Lab	16.8180, 6.4361, -12.3636

Details


The HunterLab color **16.8180, 6.4361, -12.3636** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **24.9460, -7.0660, 10.0415**, and the grayscale version is **17.1658, -0.9159, 0.9327**.

A 20% lighter version of the original color is **32.8448, 7.2650, -13.4606**, and **3.4576, 8.6322, -18.7809** is the 20% darker color. If you saturate the color by 10%, you get **14.8952, 8.4898, -16.4611**, and if you desaturate by 10%, it is **18.8484, 4.4904, -8.6864**.

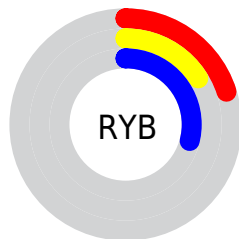
Distribution



 Red (20%)

 Green (16%)

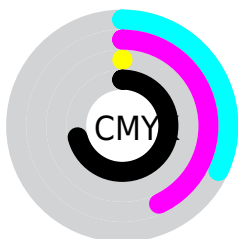
 Blue (29%)





 Red (20%)

 Yellow (16%)

 Blue (29%)

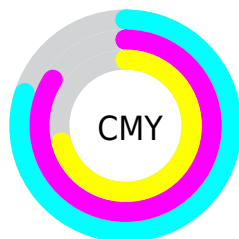


 Cyan (32%)


 Magenta (43%)

 Yellow (0%)

 Black (71%)



 Cyan (80%)

 Magenta (84%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8180, 6.4361, -12.3636 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 16.8180, 6.4361, -12.3636 by changing the saturation by 10% instead.

■ 16.8180, 6.4361,
-12.3636

■ 16.8180, 6.4361,
-12.3636

■ 112.3226, 7.0612,
-14.2575

■ 10.2122, 5.8561,
-11.9483

■ 32.9546, 7.1640,
-13.2226

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.2785, 7.3651,
-13.5642

0.0000, NaN, NaN

■ 52.3461, 7.4797,
-13.8365

0.0000, NaN, NaN

■ 63.1060, 7.5187,
-14.0414

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.5164, 7.4904,
-14.1823

0.0000, NaN, NaN

■ 86.5419, 7.4014,

0.0000, NaN, NaN

-14.2628

99.1527, 7.2569,
-14.2868

16.8180, 6.4361,
-12.3636

16.8180, 6.4361,
-12.3636

14.8952, 8.4898,
-16.4611

18.8484, 4.4904,
-8.6864

13.1032, 10.6568,
-21.0540

20.9675, 2.6382,
-5.3534

11.4756, 12.9125,
-26.1752

23.1623, 0.8627,
-2.2961

10.0562, 15.1668,
-31.7349

25.4228, -0.8515,
0.5414

8.8115, 17.5344,
-37.8562

27.7412, -2.5174,
3.2035

■ 7.9240, 19.8094,
-43.2457

■ 30.1114, -4.1457,
5.7254

■ 32.5284, -5.7449,
8.1346

■ 34.9883, -7.3220,
10.4530

■ 37.4878, -8.8825,
12.6978

Harmonies

Analogous

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



16.8183, -0.2430, -15.7362



16.8180, 6.4361, -12.3636



16.8183, 11.7000, -5.4028

Triad

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



16.8183, 6.4359, -12.3631



16.8183, 5.1398, 8.4206



16.8183, -11.6171, 0.2850

Complementary

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



16.8180, 6.4361, -12.3636



24.9460, -7.0660, 10.0415

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.



16.8183, -10.6192, 5.4561



16.8180, 6.4361, -12.3636



16.8183, -1.5437, 9.0089

Square

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



16.8183, 6.4359, -12.3631



16.8183, 10.8757, 6.1739



16.8183, -7.1577, 8.1297



16.8183, -10.1223, -6.8991

Rectangle

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



16.8180, 6.4361, -12.3636



16.8183, 13.3358, -0.5951



16.8183, -7.1577, 8.1297



16.8183, -11.5615, 2.2977

Sweetspot

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



16.8183, 6.4359, -12.3631



30.4911, 1.2000, -3.1339



22.0979, -5.2363, -3.8576



15.1260, 0.7475, -1.8189



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



16.8183, 6.4359, -12.3631



19.4643, 11.4262, -22.1807



18.1898, 10.4710, -9.7254



12.9387, 0.0418, -0.5266



10.8278, 27.4023, -61.6802



25.6244, 66.0683, -155.4215

Inverse Universe

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



18.7222, 11.4310, -4.5860



22.7486, 19.2623, -7.6680



23.9643, -10.7865, 9.1582



13.1178, 0.6037, 0.0731



18.3127, 34.2484, -10.5491



44.4113, 82.7729, -23.3727

Previews

White Background



This preview shows how the HunterLab color 16.8180, 6.4361, -12.3636 looks on a white background.

Color Contrast Check

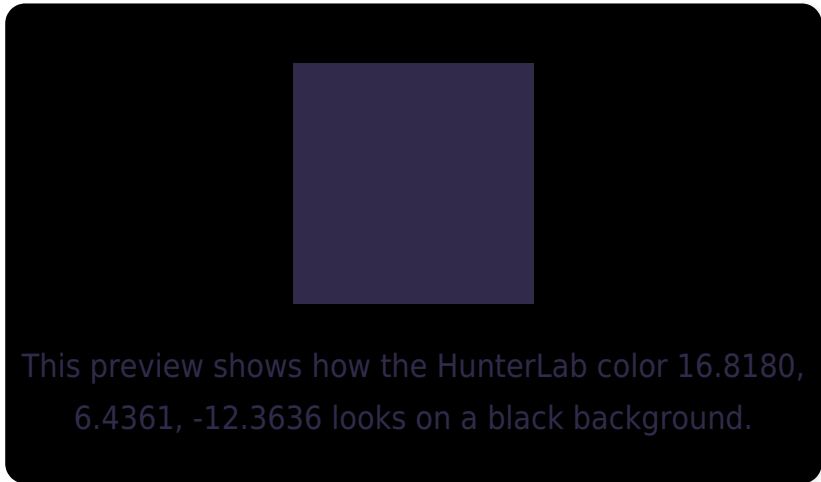
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8180, 6.4361, -12.3636 Background



This preview shows how black text looks on a background with the HunterLab color 16.8180, 6.4361, -12.3636.



This preview shows how white text looks on a background with the HunterLab color 16.8180, 6.4361, -12.3636.

-12.3636.

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

16.8180, 6.4361, -12.3636

Protanopia

16.8645, 2.3652, -14.9066

Deuteranopia

16.8942, 0.8517, -11.6964



Tritanopia

16.8224, -0.8298, -0.6871

Trichromacy



Original Color

16.8180, 6.4361, -12.3636

Protanomaly

16.9225, 3.6439, -14.1082

Deuteranomaly

16.7599, 2.7926, -11.9226

Tritanomaly

16.7239, 1.6870, -4.3343

Monochromacy



Original Color

16.8180, 6.4361, -12.3636

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0363, 1.4321, -2.9487

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8180, 6.4361, -12.3636 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(50, 42, 74)` looks like.

```
.text, #text, p{  
    color:rgb(50, 42, 74)  
}
```

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(50, 42, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 42, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8180, 6.4361, -12.3636 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(50, 42, 74) }
```


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

```
.border{ border-color:rgb(50, 42, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 42, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 42, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 42, 74);  
box-shadow:4px 4px 4px 4px rgb(50, 42, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8180, 6.4361, -12.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 42, 74) }
```

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

```
.background{ background-color: rgb(50, 42,  
74) }
```

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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