

Converting Colors

HunterLab(18.3305, 12.7436,
-48.0365)

Have a look what the booklet for
HunterLab(18.3305, 12.7436,
-48.0365) contains.

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Color

**HunterLab(18.3305, 12.7436,
-48.0365)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2D7A
RGB	12, 45, 122
RGB Percent	5%, 18%, 48%
CMY	0.9529, 0.8235, 0.5216
CMYK	0.90, 0.63, 0.00, 0.52
HSL	222°, 82%, 26%
HSV	222°, 90%, 48%
XYZ	4.6029, 3.3601, 18.8183
YIQ	43.9110, -44.3850, 16.9510

Conversions

Conversions Part 2

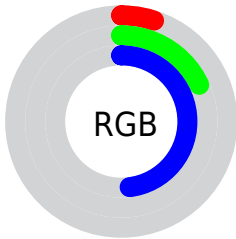
Format	Color
R_{YB}	12, 37, 122
Decimal	798074
CIE _{Lab}	21.43, 20.91, -46.87
CIE _{LCh}	21, 51.319, 294.041
Yxy	3.3601, 0.1719, 0.1255
Android (android.graphics.Color)	4278988154 (0xFF0C2D7A)
YUV	43.9110, 38.4979, -27.9859
Hunter-Lab	18.3305, 12.7436, -48.0365

Details

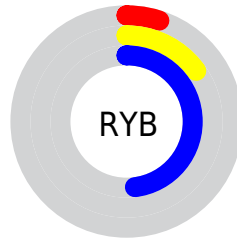
The HunterLab color **18.3305, 12.7436, -48.0365** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **33.6321, 3.0604, 20.1636**, and the grayscale version is **15.7305, -0.8393, 0.8547**.

A 20% lighter version of the original color is **34.8037, 14.4983, -47.3922**, and **6.8402, 18.5540, -48.6023** is the 20% darker color. If you saturate the color by 10%, you get **16.4404, 16.4147, -55.9838**, and if you desaturate by 10%, it is **20.4884, 9.3840, -40.4935**.

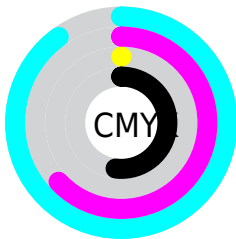
Distribution



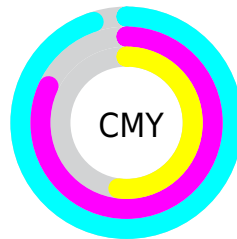
- Red (5%)
- Green (18%)
- Blue (48%)



- Red (5%)
- Yellow (15%)
- Blue (48%)



- Cyan (90%)
- Magenta (63%)
- Yellow (0%)
- Black (52%)



- Cyan (95%)
- Magenta (82%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3305, 12.7436, -48.0365 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 18.3305, 12.7436, -48.0365 by changing the saturation by 10% instead.

■ 18.3305, 12.7436,
-48.0365

■ 18.3305, 12.7436,
-48.0365

■ 115.1413, 17.0161,
-52.1680

■ 11.5001, 11.6729,
-50.5366

■ 34.8373, 14.4144,
-47.5360

■ 3.9817, 22.6671,
-89.4562

■ 44.3213, 15.0541,
-48.0124

0.0000, NaN, -NF

■ 54.5374, 15.5869,
-48.6505

0.0000, NaN, -NF

■ 65.4364, 16.0255,
-49.3582

0.0000, NaN, NaN

■ 76.9779, 16.3802,
-50.0862

0.0000, NaN, NaN

■ 89.1280, 16.6592,

0.0000, NaN, NaN

-50.8068

0.0000, NaN, NaN

101.8575, 16.8693,
-51.5039

18.3305, 12.7436,
-48.0365

18.3305, 12.7436,
-48.0365

16.4404, 16.4147,
-55.9838

20.4884, 9.3840,
-40.4935

22.8951, 6.5719,
-33.4588

25.5092, 4.2729,
-27.0019

28.2966, 2.4205,
-21.1011

31.2302, 0.9435,
-15.6954

■ 34.2887, -0.2223,
-10.7131

■ 37.4555, -1.1312,
-6.0858

■ 40.7173, -1.8275,
-1.7532

■ 44.0637, -2.3471,
2.3358

Harmonies

Analogous

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



18.3307, -3.9592, -55.1378



18.3305, 12.7436, -48.0365



18.3307, 29.7561, -24.5232

Triad

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



18.3307, 12.7446, -48.0360



18.3307, 19.9036, 12.8315



18.3307, -22.1416, 3.6932

Complementary

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



18.3305, 12.7436, -48.0365



33.6321, 3.0604, 20.1636

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.



18.3307, -19.3459, 11.2899



18.3305, 12.7436, -48.0365



18.3307, 2.2045, 12.8315

Square

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



18.3307, 12.7446, -48.0360



18.3307, 34.7564, 9.1750



18.3307, -11.5697, 12.8315



18.3307, -20.9702, -14.6304

Rectangle

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



18.3305, 12.7436, -48.0365



18.3307, 37.1671, -8.5844



18.3307, -11.5697, 12.8315



18.3307, -21.6749, 7.1861

Sweetspot

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



18.3307, 12.7446, -48.0360



46.5183, -0.6259, -12.6330



38.3650, -25.6615, 8.5836



21.7179, -0.1312, -6.8401



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



18.3307, 12.7446, -48.0360



21.3039, 23.1577, -76.6187



14.1727, 29.4116, -67.7783



20.1779, -0.9293, -0.6384



16.8292, 16.9514, -57.6282



34.9089, 42.2333, -134.8027

Inverse Universe

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



21.4250, 34.4174, 6.9344



27.3640, 47.6239, 11.7724



40.8108, -17.7000, 24.3316



20.0823, 0.7935, 0.9929



21.1962, 36.9434, 8.7020



46.1491, 80.1538, 21.1227

Previews

White Background



This preview shows how the HunterLab color 18.3305, 12.7436, -48.0365 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



This preview shows how the HunterLab color 18.3305, 12.7436, -48.0365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

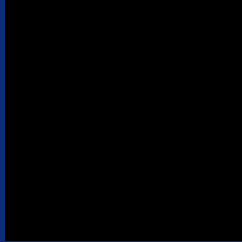
Any Text WCAG AA × Fail

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 18.3305, 12.7436, -48.0365 Background



This preview shows how black text looks on a background with the HunterLab color 18.3305, 12.7436, -48.0365.



This preview shows how white text looks on a background with the HunterLab color 18.3305, 12.7436, -48.0365.

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

18.3305, 12.7436, -48.0365

Protanopia

18.2258, 4.7543, -33.0439

Deuteranopia

18.1229, -0.9990, -20.4955



Tritanopia

18.3386, -9.1664, -3.1340

Trichromacy



Original Color

18.3305, 12.7436, -48.0365

Protanomaly

18.1922, 7.7217, -38.6141

Deuteranomaly

18.0730, 3.8189, -30.0349

Tritanomaly

17.8789, -2.4896, -16.1652

Monochromacy



Original Color

18.3305, 12.7436, -48.0365

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.0509, 1.5596, -12.7289

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3305, 12.7436, -48.0365 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(12, 45, 122)` looks like.

```
.text, #text, p{  
    color:rgb(12, 45, 122)  
}
```

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(12, 45, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 45, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3305, 12.7436, -48.0365 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(12, 45, 122) }
```


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

```
.border{ border-color:rgb(12, 45, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 45, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 45, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 45, 122);  
box-shadow:4px 4px 4px 4px rgb(12, 45,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.3305, 12.7436, -48.0365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 45, 122) }
```

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

```
.background{ background-color: rgb(12, 45,  
122) }
```

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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