

Converting Colors

HunterLab(18.8781, 12.5143,
-32.7063)

Have a look what the booklet for
HunterLab(18.8781, 12.5143,
-32.7063) contains.

HunterLab(18.8781, 12.5143, -32.7063)	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(18.8781, 12.5143,
-32.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2D6C
RGB	47, 45, 108
RGB Percent	18%, 18%, 42%
CMY	0.8157, 0.8235, 0.5765
CMYK	0.56, 0.58, 0.00, 0.58
HSL	242°, 41%, 30%
HSV	242°, 58%, 42%
XYZ	4.8175, 3.5638, 14.6214
YIQ	52.7800, -19.0310, 20.0170

Conversions

Conversions Part 2

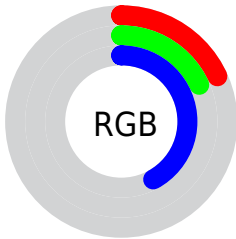
Format	Color
R_{YB}	47, 45, 108
Decimal	3091820
CIE Lab	22.17, 20.50, -36.60
CIE LCh	22, 41.949, 299.251
Yxy	3.5639, 0.2094, 0.1549
Android (android.graphics.Color)	4281281900 (0xFF2F2D6C)
YUV	52.7800, 27.2235, -5.0691
Hunter-Lab	18.8781, 12.5143, -32.7063

Details

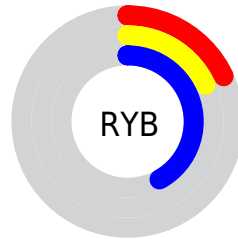
The HunterLab color **18.8781, 12.5143, -32.7063** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37.3881, -9.1891, 18.9405**, and the grayscale version is **18.7101, -0.9983, 1.0166**.

A 20% lighter version of the original color is **35.5990, 14.0770, -33.2082**, and **5.7118, 15.4932, -40.5846** is the 20% darker color. If you saturate the color by 10%, you get **16.1964, 16.0854, -41.6741**, and if you desaturate by 10%, it is **21.8522, 9.3400, -24.8650**.

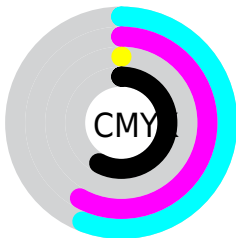
Distribution



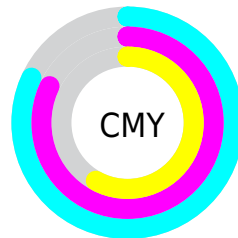
- Red (18%)
- Green (18%)
- Blue (42%)



- Red (18%)
- Yellow (18%)
- Blue (42%)



- Cyan (56%)
- Magenta (58%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8781, 12.5143, -32.7063 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 18.8781, 12.5143, -32.7063 by changing the saturation by 10% instead.

■ 18.8781, 12.5143,
-32.7063

■ 18.8781, 12.5143,
-32.7063

■ 116.1484, 16.5537,
-37.4436

■ 11.9698, 11.4773,
-33.2809

■ 35.5146, 14.1205,
-33.4381

■ 4.9059, 17.9445,
-48.1369

■ 45.0548, 14.7315,
-34.0563

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.3231, 15.2375,
-34.6993

0.0000, NaN, NaN

■ 66.2711, 15.6511,
-35.3287

0.0000, NaN, NaN

■ 77.8588, 15.9821,
-35.9252

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.0529, 16.2387,

-36.4792

0.0000, NaN, NaN

102.8244, 16.4274,
-36.9859

18.8781, 12.5143,
-32.7063

18.8781, 12.5143,
-32.7063

16.1964, 16.0854,
-41.6741

21.8522, 9.3400,
-24.8650

13.9008, 19.9684,
-51.5974

25.0512, 6.5252,
-18.0275

12.1137, 23.7902,
-61.5593

28.4293, 4.0033,
-12.0003

10.7480, 27.5451,
-71.1581

31.9540, 1.7102,
-6.6047

10.5113, 28.3011,
-73.0535

35.6025, -0.4069,
-1.6959

■ 39.3576, -2.3887,
2.8375

■ 43.2065, -4.2664,
7.0803

■ 47.1393, -6.0638,
11.0964

■ 51.1481, -7.7988,
14.9348

Harmonies

Analogous

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



18.8784, -1.3275, -40.2777



18.8781, 12.5143, -32.7063



18.8784, 24.9940, -15.1909

Triad

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



18.8784, 12.5147, -32.7057



18.8784, 13.2197, 12.7363



18.8784, -19.7892, 1.3297

Complementary

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



18.8781, 12.5143, -32.7063



37.3881, -9.1891, 18.9405

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.



18.8784, -17.7852, 9.4811



18.8781, 12.5143, -32.7063



18.8784, -0.6870, 13.2149

Square

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



18.8784, 12.5147, -32.7057



18.8784, 25.4712, 9.2362



18.8784, -11.5490, 12.8567



18.8784, -17.9797, -14.2734

Rectangle

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



18.8781, 12.5143, -32.7063



18.8784, 29.5897, -3.8557



18.8784, -11.5490, 12.8567



18.8784, -19.5504, 4.8776

Sweetspot

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



18.8784, 12.5147, -32.7057



42.7541, 2.0131, -8.1611



34.8506, -14.6792, -2.9188



20.7003, 1.1944, -4.4913



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



18.8784, 12.5147, -32.7057



20.3087, 23.1157, -59.7979



21.3549, 19.0537, -25.8979



17.4049, -0.1377, -0.9785



11.4694, 30.9011, -79.8693



25.7499, 69.6516, -181.4524

Inverse Universe

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



24.7094, 27.0059, -17.0188



30.1136, 43.4026, -27.3776



35.2544, -17.2745, 17.2459



17.7829, 1.1372, -0.4055



22.3783, 43.7089, -27.2856



50.4897, 98.5773, -61.2661

Previews

White Background



This preview shows how the HunterLab color 18.8781, 12.5143, -32.7063 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 18.8781, 12.5143, -32.7063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

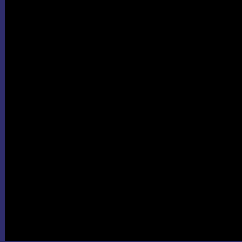
Any Text WCAG AA × Fail

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 18.8781, 12.5143, -32.7063 Background



This preview shows how black text looks on a background with the HunterLab color 18.8781, 12.5143, -32.7063.



This preview shows how white text looks on a background with the HunterLab color 18.8781, 12.5143, -32.7063.

-32.7063.

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

18.8781, 12.5143, -32.7063

Protanopia

18.6327, 5.1774, -34.4657

Deuteranopia

18.5647, -0.3785, -22.3873



Tritanopia

18.8023, -5.9489, -2.8894

Trichromacy



Original Color

18.8781, 12.5143, -32.7063

Protanomaly

18.4930, 7.1131, -34.8656

Deuteranomaly

18.4056, 3.3543, -26.6252

Tritanomaly

18.6703, -0.0526, -11.9870

Monochromacy



Original Color

18.8781, 12.5143, -32.7063

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.6173, 2.9756, -8.5500

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8781, 12.5143, -32.7063 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(47, 45, 108)` looks like.

```
.text, #text, p{  
    color:rgb(47, 45, 108)  
}
```

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(47, 45, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 45, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8781, 12.5143, -32.7063 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(47, 45, 108) }
```


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

```
.border{ border-color:rgb(47, 45, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 45, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 45, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 45, 108);  
box-shadow:4px 4px 4px 4px rgb(47, 45,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.8781, 12.5143, -32.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 45, 108) }
```

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

```
.background{ background-color: rgb(47, 45,  
108) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor