

Converting Colors

HunterLab(18.8051, 13.1705,
-42.2211)

Have a look what the booklet for
HunterLab(18.8051, 13.1705,
-42.2211) contains.

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Color

**HunterLab(18.7300, 13.3068,
-42.4813)**

Conversions

Conversions Part 1

Format	Color
Hex	212D76
RGB	33, 45, 118
RGB Percent	13%, 18%, 46%
CMY	0.8706, 0.8235, 0.5373
CMYK	0.72, 0.62, 0.00, 0.54
HSL	232°, 56%, 30%
HSV	232°, 72%, 46%
XYZ	4.8356, 3.5081, 17.5619
YIQ	49.7340, -30.5850, 20.1590

Conversions

Conversions Part 2

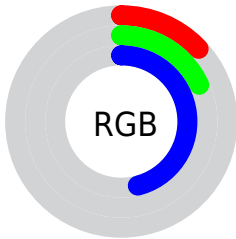
Format	Color
R_{YB}	33, 44, 118
Decimal	2174326
CIE _{Lab}	21.97, 21.59, -43.40
CIE _{LCh}	22, 48.471, 296.454
Yxy	3.5082, 0.1867, 0.1354
Android (android.graphics.Color)	4280364406 (0xFF212D76)
YUV	49.7340, 33.6551, -14.6757
Hunter-Lab	18.7300, 13.3068, -42.4813

Details

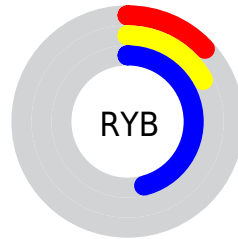
The HunterLab color **18.7300, 13.3068, -42.4813** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37.7766, -5.1522, 20.9287**, and the grayscale version is **17.6694, -0.9428, 0.9600**.

A 20% lighter version of the original color is **35.2509, 15.3971, -42.8110**, and **6.5549, 17.7802, -46.5755** is the 20% darker color. If you saturate the color by 10%, you get **16.3213, 17.1610, -51.9054**, and if you desaturate by 10%, it is **21.4633, 9.9791, -33.9464**.

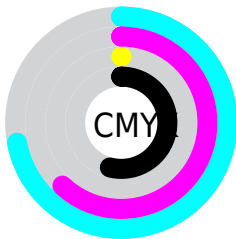
Distribution



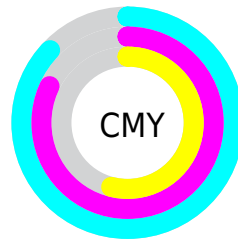
- Red (13%)
- Green (18%)
- Blue (46%)



- Red (13%)
- Yellow (17%)
- Blue (46%)



- Cyan (72%)
- Magenta (62%)
- Yellow (0%)
- Black (54%)



- Cyan (87%)
- Magenta (82%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7300, 13.3068, -42.4813 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 18.7300, 13.3068, -42.4813 by changing the saturation by 10% instead.

■ 18.7300, 13.3068,
-42.4813

■ 18.7300, 13.3068,
-42.4813

■ 115.8766, 17.8130,
-47.0804

■ 11.8426, 12.2096,
-44.1274

■ 35.3316, 15.0330,
-42.5485

■ 4.6748, 19.8770,
-67.7755

■ 44.8567, 15.7002,
-43.1075

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.1110, 16.2598,
-43.7708

0.0000, NaN, NaN

■ 66.0457, 16.7246,
-44.4690

0.0000, NaN, NaN

■ 77.6211, 17.1048,
-45.1653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.8033, 17.4086,

-45.8393

0.0000, NaN, NaN

102.5635, 17.6428,
-46.4798

18.7300, 13.3068,
-42.4813

18.7300, 13.3068,
-42.4813

16.3213, 17.1610,
-51.9054

21.4633, 9.9791,
-33.9464

14.3266, 21.3979,
-61.7295

24.4499, 7.1551,
-26.3720

13.0316, 24.6586,
-69.5191

27.6384, 4.7593,
-19.6542

30.9915, 2.7096,
-13.6459

34.4819, 0.9347,
-8.2069

■ 38.0896, -0.6229,
-3.2198

■ 41.7994, -2.0078,
1.4098

■ 45.5994, -3.2547,
5.7555

■ 49.4805, -4.3902,
9.8752

Harmonies

Analogous

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



18.7302, -2.7149, -50.4677



18.7300, 13.3068, -42.4813



18.7302, 28.8129, -20.7204

Triad

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



18.7302, 13.3075, -42.4807



18.7302, 17.2925, 13.1112



18.7302, -21.6696, 2.6058

Complementary

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



18.7300, 13.3068, -42.4813



37.7766, -5.1522, 20.9287

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.



18.7302, -19.1997, 10.6545



18.7300, 13.3068, -42.4813



18.7302, 0.7781, 13.1112

Square

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



18.7302, 13.3075, -42.4807



18.7302, 31.5676, 9.4711



18.7302, -11.9904, 13.1112



18.7302, -20.1665, -15.3228

Rectangle

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



18.7300, 13.3068, -42.4813



18.7302, 35.1045, -6.4247



18.7302, -11.9904, 13.1112



18.7302, -21.3027, 6.2822

Sweetspot

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



18.7302, 13.3075, -42.4807



45.4795, 1.3538, -11.2406



37.8226, -20.5596, 1.8898



21.3499, 0.8681, -6.0713



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



18.7302, 13.3075, -42.4807



19.9519, 26.1568, -76.8042



18.5599, 23.7658, -42.9005



19.1459, -0.5153, -0.8779



13.5074, 25.8178, -72.6163



28.4845, 62.0014, -169.4462

Inverse Universe

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



22.6474, 27.2742, 7.9333



27.3447, 42.2015, 13.2379



38.9280, -18.5948, 21.4696



19.2575, 0.6236, 1.2784



20.5138, 35.3320, 11.6937



45.1979, 77.6747, 27.0974

Previews

White Background



This preview shows how the HunterLab color 18.7300, 13.3068, -42.4813 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 18.7300, 13.3068, -42.4813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

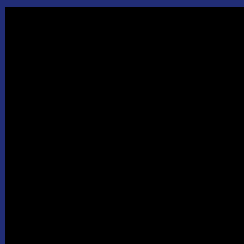
Any Text WCAG AA × Fail

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 18.7300, 13.3068, -42.4813 Background



This preview shows how black text looks on a background with the HunterLab color 18.7300, 13.3068, -42.4813.



This preview shows how white text looks on a background with the HunterLab color 18.7300, 13.3068, -42.4813.

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

18.7300, 13.3068, -42.4813

Deuteranopia

18.5166, -0.6408, -21.7609

Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.7300, 13.3068, -42.4813

Deuteranomaly

18.4530, 3.8244, -28.9514

Tritanomaly

18.2785, -2.3769, -15.3237

Monochromacy



Original Color

18.7300, 13.3068, -42.4813

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.7690, 2.7142, -11.2145

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7300, 13.3068, -42.4813 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(33, 45, 118)` looks like.

```
.text, #text, p{  
    color:rgb(33, 45, 118)  
}
```

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(33, 45, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 45, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7300, 13.3068, -42.4813 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(33, 45, 118) }
```

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

```
.border{ border-color:rgb(33, 45, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 45, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 45, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 45, 118);  
box-shadow:4px 4px 4px 4px rgb(33, 45,  
118) }
```


Background

The CSS property to change the background color of an element to HunterLab 18.7300, 13.3068, -42.4813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 45, 118) }
```

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

```
.background{ background-color: rgb(33, 45,  
118) }
```

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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