

Converting Colors

HunterLab(18.3403, 2.0587,
-18.4873)

Have a look what the booklet for
HunterLab(18.3403, 2.0587,
-18.4873) contains.

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Color

**HunterLab(18.3400, 2.0708,
-18.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3358
RGB	31, 51, 88
RGB Percent	12%, 20%, 35%
CMY	0.8784, 0.8000, 0.6549
CMYK	0.65, 0.42, 0.00, 0.65
HSL	219°, 48%, 23%
HSV	219°, 65%, 35%
XYZ	3.5104, 3.3636, 9.6968
YIQ	49.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

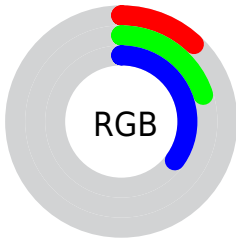
Format	Color
R_{YB}	31, 46, 88
Decimal	2044760
CIE _{Lab}	21.45, 5.11, -24.75
CIE _{LCh}	21, 25.276, 281.666
Yxy	3.3637, 0.2118, 0.2030
Android (android.graphics.Color)	4280234840 (0xFF1F3358)
YUV	49.2380, 19.1097, -15.9947
Hunter-Lab	18.3400, 2.0708, -18.5099

Details

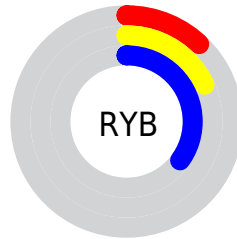
The HunterLab color **18.3400, 2.0708, -18.5099** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.1162, 1.0990, 12.4351**, and the grayscale version is **17.5491, -0.9364, 0.9535**.

A 20% lighter version of the original color is **34.8335, 1.8432, -19.4301**, and **5.0398, 7.5197, -22.5323** is the 20% darker color. If you saturate the color by 10%, you get **16.6623, 3.4750, -22.5246**, and if you desaturate by 10%, it is **20.1240, 0.9540, -14.7844**.

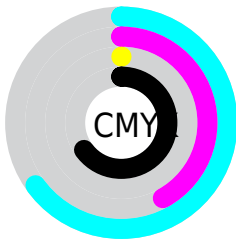
Distribution



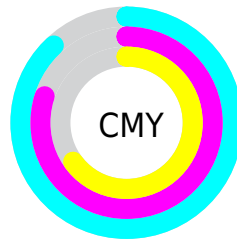
- Red (12%)
- Green (20%)
- Blue (35%)



- Red (12%)
- Yellow (18%)
- Blue (35%)



- Cyan (65%)
- Magenta (42%)
- Yellow (0%)
- Black (65%)



- Cyan (88%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3400, 2.0708, -18.5099 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 18.3400, 2.0708, -18.5099 by changing the saturation by 10% instead.

■ 18.3400, 2.0708,
-18.5099

■ 18.3400, 2.0708,
-18.5099

■ 115.1590, -0.6465,
-21.7930

■ 11.5083, 2.0269,
-18.1956

■ 34.8492, 1.8760,
-19.5382

■ 3.9999, 5.3543,
-30.4579

■ 44.3342, 1.6694,
-20.0310

0.0000, NaN, -NF

■ 54.5512, 1.4029,
-20.4714

0.0000, NaN, NaN

■ 65.4511, 1.0829,
-20.8530

0.0000, NaN, NaN

■ 76.9934, 0.7145,
-21.1744

0.0000, NaN, NaN

■ 89.1442, 0.3014,

0.0000, NaN, NaN

-21.4367

0.0000, NaN, NaN

101.8746, -0.1532,
-21.6421

18.3400, 2.0708,
-18.5099

18.3400, 2.0708,
-18.5099

16.6623, 3.4750,
-22.5246

20.1240, 0.9540,
-14.7844

15.1076, 5.2033,
-26.8332

21.9988, 0.0838,
-11.3262

13.6768, 7.2219,
-31.4701

23.9528, -0.5772,
-8.1039

12.9540, 8.3098,
-34.1298

25.9761, -1.0616,
-5.0855

28.0610, -1.3969,
-2.2410

■ 30.2008, -1.6060,
0.4561

■ 32.3903, -1.7076,
3.0287

■ 34.6250, -1.7171,
5.4962

■ 36.9011, -1.6473,
7.8751

Harmonies

Analogous

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



18.3403, -5.3550, -17.7151



18.3400, 2.0708, -18.5099



18.3403, 9.7854, -12.7243

Triad

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



18.3403, 2.0710, -18.5094



18.3403, 11.2681, 8.0456



18.3403, -12.8954, 4.8559

Complementary

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



18.3400, 2.0708, -18.5099



25.1162, 1.0990, 12.4351

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.



18.3403, -9.7211, 8.6445



18.3400, 2.0708, -18.5099



18.3403, 3.8489, 9.9042

Square

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



18.3403, 2.0710, -18.5094



18.3403, 15.6447, 3.5935



18.3403, -3.8429, 10.0761



18.3403, -13.2125, -2.0421

Rectangle

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



18.3400, 2.0708, -18.5099



18.3403, 13.7425, -6.9039



18.3403, -3.8429, 10.0761



18.3403, -12.1545, 6.4478

Sweetspot

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



18.3403, 2.0710, -18.5094



35.7572, -1.6543, -4.7649



27.7080, -15.8201, 5.3996



17.7363, -0.7892, -2.7578



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



18.3403, 2.0710, -18.5094



20.8169, 5.8689, -33.0517



14.5202, 12.3703, -28.5356



14.7058, -0.7701, -0.3028



15.5658, 11.0469, -43.3030



34.7225, 31.6581, -111.7410

Inverse Universe

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



18.1491, 18.5184, 1.2756



21.5072, 29.7551, 3.2289



29.6672, -9.3231, 15.5264



14.5948, 0.4999, 0.6513



18.0810, 31.7232, 5.8006



42.6709, 74.5140, 16.4203

Previews

White Background



This preview shows how the HunterLab color 18.3400, 2.0708, -18.5099 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

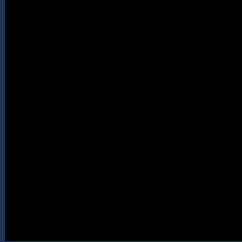
Any Text WCAG AA × Fail

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 18.3400, 2.0708, -18.5099 Background



This preview shows how black text looks on a background with the HunterLab color 18.3400, 2.0708, -18.5099.



This preview shows how white text looks on a background with the HunterLab color 18.3400, 2.0708,

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

18.3400, 2.0708, -18.5099

Protanopia

18.2877, 3.0223, -17.9115

Deuteranopia

18.3500, 0.8670, -18.5084



Tritanopia

18.3432, -7.7491, -3.1027

Trichromacy



Original Color

18.3400, 2.0708, -18.5099

Protanomaly

18.1918, 2.7089, -18.1302

Deuteranomaly

18.4217, 1.1085, -18.3441

Tritanomaly

18.2941, -4.5697, -8.1273

Monochromacy



Original Color

18.3400, 2.0708, -18.5099

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6984, -0.7893, -4.8621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3400, 2.0708, -18.5099 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(31, 51, 88)` looks like.

```
.text, #text, p{  
    color:rgb(31, 51, 88)  
}
```

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(31, 51, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 51, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3400, 2.0708, -18.5099 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(31, 51, 88) }
```


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

```
.border{ border-color:rgb(31, 51, 88) }
```

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

Here you see how a box with a 4 pixel rgb(31, 51, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 51, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 51, 88);  
box-shadow:4px 4px 4px 4px rgb(31, 51, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3400, 2.0708, -18.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 51, 88) }
```

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

```
.background{ background-color: rgb(31, 51,  
88) }
```

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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