

Converting Colors

HunterLab(18.6962, 30.1985,
-83.5227)

Have a look what the booklet for
HunterLab(18.6962, 30.1985,
-83.5227) contains.

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Color

**HunterLab(18.7177, 30.1576,
-83.4002)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 162099 |
| RGB | 22, 32, 153 |
| RGB Percent | 9%, 13%, 60% |
| CMY | 0.9137, 0.8745, 0.4000 |
| CMYK | 0.86, 0.79, 0.00, 0.40 |
| HSL | 235°, 75%, 34% |
| HSV | 235°, 86%, 60% |
| XYZ | 6.5972, 3.5035, 30.4656 |
| YIQ | 42.8040, -44.8010, 35.5110 |

Conversions

Conversions Part 2

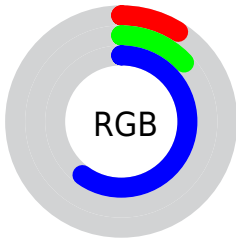
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 22, 31, 153 |
| Decimal | 1450137 |
| CIE _{Lab} | 21.96, 41.88, -65.37 |
| CIE _{LCh} | 22, 77.632, 302.645 |
| Yxy | 3.5036, 0.1626, 0.0864 |
| Android (android.graphics.Color) | 4279640217 (0xFF162099) |
| YUV | 42.8040, 54.3266, -18.2451 |
| Hunter-Lab | 18.7177, 30.1576, -83.4002 |

Details

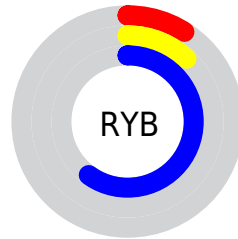
The HunterLab color **18.7177, 30.1576, -83.4002** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **51.4590, -9.9004, 30.6601**, and the grayscale version is **15.3183, -0.8173, 0.8323**.

A 20% lighter version of the original color is **35.3343, 33.9074, -78.8516**, and **9.6932, 26.2929, -68.8744** is the 20% darker color. If you saturate the color by 10%, you get **16.6477, 35.7139, -96.4487**, and if you desaturate by 10%, it is **21.5948, 24.2545, -69.0124**.

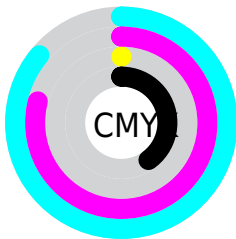
Distribution



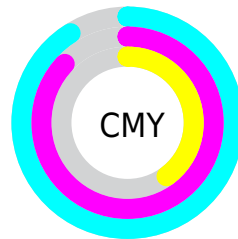
- Red (9%)
- Green (13%)
- Blue (60%)



- Red (9%)
- Yellow (12%)
- Blue (60%)



- Cyan (86%)
- Magenta (79%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7177, 30.1576, -83.4002 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 18.7177, 30.1576, -83.4002 by changing the saturation by 10% instead.

■ 18.7177, 30.1576,
-83.4002

■ 18.7177, 30.1576,
-83.4002

■ 115.8538, 42.0701,
-81.8199

■ 11.8319, 28.4111,
-91.6242

■ 35.3162, 33.5794,
-78.4724

■ 4.6549, 41.3367,
-151.7007

■ 44.8401, 35.1205,
-78.0657

0.0000, INF, -NF

0.0000, NaN, -NF

■ 55.0932, 36.5403,
-78.2214

0.0000, NaN, -NF

■ 66.0268, 37.8452,
-78.6987

0.0000, NaN, NaN

■ 77.6011, 39.0429,
-79.3631

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.7823, 40.1415,

-80.1349

0.0000, NaN, NaN

102.5416, 41.1483,
-80.9644

18.7177, 30.1576,
-83.4002

18.7177, 30.1576,
-83.4002

16.6477, 35.7139,
-96.4487

21.5948, 24.2545,
-69.0124

15.9836, 37.6639,
-101.2837

25.1117, 18.8030,
-55.3524

29.1150, 14.0557,
-43.1850

33.4903, 9.9861,
-32.5424

38.1572, 6.4812,
-23.2025

■ 43.0594, 3.4226,
-14.9040

■ 48.1572, 0.7102,
-7.4176

■ 53.4214, -1.7342,
-0.5603

■ 58.8304, -3.9702,
5.8088

Harmonies

Analogous

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



18.7178, 1.1325, -112.9466



18.7177, 30.1576, -83.4002



18.7178, 58.4482, -31.4683

Triad

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



18.7178, 30.1596, -83.4000



18.7178, 24.6301, 13.1025



18.7178, -28.7767, -1.0763

Complementary

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



18.7177, 30.1576, -83.4002



51.4590, -9.9004, 30.6601

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.



18.7178, -26.7750, 12.6185



18.7177, 30.1576, -83.4002



18.7178, -3.0406, 13.1025

Square

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



18.7178, 30.1596, -83.4000



18.7178, 54.2977, 13.1025



18.7178, -19.6758, 13.1025



18.7178, -25.9410, -40.1880

Rectangle

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



18.7177, 30.1576, -83.4002



18.7178, 68.2412, -5.3644



18.7178, -19.6758, 13.1025



18.7178, -28.6473, 5.7302

Sweetspot

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



18.7178, 30.1596, -83.4000



57.0206, 4.9286, -20.8980



49.9088, -27.9295, -0.1766



25.8139, 2.9012, -11.4152



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



18.7178, 30.1596, -83.4000



21.1307, 51.4682, -137.5166



21.0597, 39.9769, -71.1693



24.6946, -0.4209, -1.4266



14.6052, 33.9387, -91.5192



2.2252, 2.6511, -8.5043

Inverse Universe

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



27.2965, 41.7204, 14.5825



34.8760, 59.8265, 21.7593



50.4588, -29.5124, 29.6831



24.9599, 0.8522, 1.8529



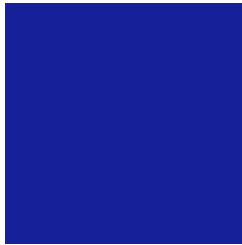
23.7079, 40.6994, 14.5528



2.9293, 5.0892, 1.3293

Previews

White Background



This preview shows how the HunterLab color 18.7177, 30.1576, -83.4002 looks on a white background.

Color Contrast Check

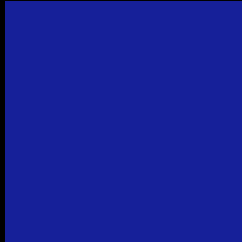
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7177, 30.1576, -83.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

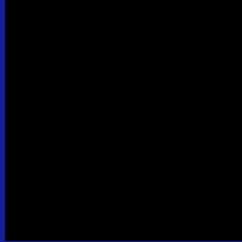
Any Text WCAG AA × Fail

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 18.7177, 30.1576, -83.4002 Background



This preview shows how black text looks on a background with the HunterLab color 18.7177, 30.1576, -83.4002.



This preview shows how white text looks on a background with the HunterLab color 18.7177, 30.1576, -83.4002.

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

18.7177, 30.1576, -83.4002

Protanopia

18.5752, 4.8806, -33.7532

Deuteranopia

18.7219, -1.3196, -20.5522



Tritanopia

18.6433, -9.3266, -3.1690

Trichromacy



Original Color

18.7177, 30.1576, -83.4002

Protanomaly

18.1885, 13.6958, -50.7120

Deuteranomaly

18.1647, 9.0313, -40.6108

Tritanomaly

17.5342, 2.5432, -25.7596

Monochromacy



Original Color

18.7177, 30.1576, -83.4002

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.5977, 6.8068, -21.3771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7177, 30.1576, -83.4002 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(22, 32, 153)` looks like.

```
.text, #text, p{  
    color:rgb(22, 32, 153)  
}
```

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(22, 32, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 32, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7177, 30.1576, -83.4002 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(22, 32, 153) }
```


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

```
.border{ border-color:rgb(22, 32, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 32, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 32, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 32, 153);  
box-shadow:4px 4px 4px 4px rgb(22, 32,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.7177, 30.1576, -83.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 32, 153) }
```

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

```
.background{ background-color: rgb(22, 32,  
153) }
```

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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