

Converting Colors

HunterLab(18.7494, 8.2373,
-36.7800)

Have a look what the booklet for
HunterLab(18.7494, 8.2373,
-36.7800) contains.

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Color

**HunterLab(18.7489, 8.2368,
-36.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	143170
RGB	20, 49, 112
RGB Percent	8%, 19%, 44%
CMY	0.9215, 0.8078, 0.5608
CMYK	0.82, 0.56, 0.00, 0.56
HSL	221°, 70%, 26%
HSV	221°, 82%, 44%
XYZ	4.3114, 3.5152, 15.7805
YIQ	47.5110, -37.5070, 13.4450

Conversions

Conversions Part 2

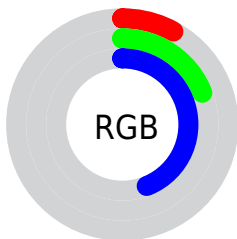
Format	Color
R_{YB}	20, 42, 112
Decimal	1323376
CIE _{Lab}	22.00, 14.53, -39.54
CIE _{LCh}	22, 42.124, 290.178
Yxy	3.5153, 0.1826, 0.1489
Android (android.graphics.Color)	4279513456 (0xFF143170)
YUV	47.5110, 31.7931, -24.1271
Hunter-Lab	18.7489, 8.2368, -36.7788

Details

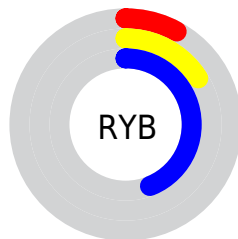
The HunterLab color **18.7489, 8.2368, -36.7788** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **31.1176, 2.3472, 17.9539**, and the grayscale version is **16.9371, -0.9037, 0.9202**.

A 20% lighter version of the original color is **35.4545, 8.9493, -36.7303**, and **6.3427, 14.7609, -39.7923** is the 20% darker color. If you saturate the color by 10%, you get **16.8389, 11.2302, -43.4021**, and if you desaturate by 10%, it is **20.8762, 5.7302, -30.5723**.

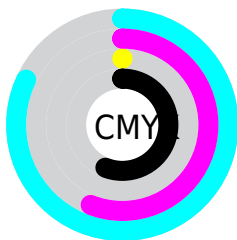
Distribution



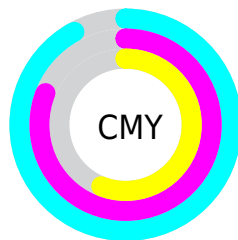
- Red (8%)
- Green (19%)
- Blue (44%)



- Red (8%)
- Yellow (16%)
- Blue (44%)



- Cyan (82%)
- Magenta (56%)
- Yellow (0%)
- Black (56%)



- Cyan (92%)
- Magenta (81%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7489, 8.2368, -36.7788 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 18.7489, 8.2368, -36.7788 by changing the saturation by 10% instead.

■ 18.7489, 8.2368,
-36.7788

■ 18.7489, 8.2368,
-36.7788

■ 115.9113, 9.7592,
-41.5456

■ 11.8588, 7.5435,
-37.7776

■ 35.3550, 9.1902,
-37.2640

■ 4.7050, 13.2058,
-56.9904

■ 44.8820, 9.4981,
-37.8687

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.1381, 9.7156,
-38.5298

0.0000, NaN, NaN

■ 66.0745, 9.8536,
-39.1964

0.0000, NaN, NaN

■ 77.6514, 9.9207,
-39.8422

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.8351, 9.9239,

-40.4533

0.0000, NaN, NaN

102.5968, 9.8685,
-41.0223

18.7489, 8.2368,
-36.7788

18.7489, 8.2368,
-36.7788

16.8389, 11.2302,
-43.4021

20.8762, 5.7302,
-30.5723

15.4581, 13.7621,
-49.0298

23.1864, 3.6819,
-24.8470

25.6505, 2.0364,
-19.5918

28.2451, 0.7322,
-14.7609

30.9517, -0.2871,
-10.2970

■ 33.7556, -1.0696,
-6.1439

■ 36.6450, -1.6553,
-2.2507

■ 39.6105, -2.0765,
1.4261

■ 42.6443, -2.3594,
4.9230

Harmonies

Analogous

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



18.7491, -5.0070, -39.6355



18.7489, 8.2368, -36.7788



18.7491, 21.8166, -20.9318

Triad

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



18.7491, 8.2375, -36.7783



18.7491, 17.4464, 11.8913



18.7491, -19.5736, 4.5823

Complementary

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



18.7489, 8.2368, -36.7788



31.1176, 2.3472, 17.9539

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.



18.7491, -16.3729, 10.7027



18.7489, 8.2368, -36.7788



18.7491, 3.3716, 13.1244

Square

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



18.7491, 8.2375, -36.7783



18.7491, 28.0431, 7.4197



18.7491, -8.7383, 13.1244



18.7491, -18.9242, -8.9507

Rectangle

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



18.7489, 8.2368, -36.7788



18.7491, 28.1236, -8.7477



18.7491, -8.7383, 13.1244



18.7491, -18.9542, 7.3367

Sweetspot

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



18.7491, 8.2375, -36.7783



43.4190, -1.0850, -10.0378



35.1564, -22.7374, 7.5084



20.7860, -0.3942, -5.6530



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



18.7491, 8.2375, -36.7783



20.2038, 19.1090, -66.2441



14.3576, 23.7751, -54.0394



18.5909, -0.8926, -0.5329



16.5049, 15.0999, -53.2261



34.8990, 38.9906, -127.7903

Inverse Universe

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



20.4135, 29.7427, 4.6598



25.0735, 43.4279, 9.9000



37.5221, -14.9810, 21.8124



18.4858, 0.7105, 0.8852



20.2998, 35.4462, 7.8296



45.1523, 78.5414, 19.7441

Previews

White Background



This preview shows how the HunterLab color 18.7489, 8.2368, -36.7788 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 18.7489, 8.2368, -36.7788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

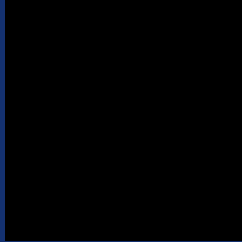
Any Text WCAG AA × Fail

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 18.7489, 8.2368, -36.7788 Background



This preview shows how black text looks on a background with the HunterLab color 18.7489, 8.2368, -36.7788.



This preview shows how white text looks on a background with the HunterLab color 18.7489, 8.2368, -36.7788.

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

18.7489, 8.2368, -36.7788

Protanopia

18.5752, 4.8806, -33.7532

Deuteranopia

18.5166, -0.6408, -21.7609



Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.7489, 8.2368, -36.7788

Protanomaly

18.5216, 6.0263, -34.7954

Deuteranomaly

18.4966, 2.5254, -27.2050

Tritanomaly

18.3620, -3.5629, -13.8838

Monochromacy



Original Color

18.7489, 8.2368, -36.7788

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.2653, 0.7356, -9.8195

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7489, 8.2368, -36.7788 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(20, 49, 112)` looks like.

```
.text, #text, p{  
    color:rgb(20, 49, 112)  
}
```

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(20, 49, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 49, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7489, 8.2368, -36.7788 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(20, 49, 112) }
```


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

```
.border{ border-color:rgb(20, 49, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 49, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 49, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 49, 112);  
box-shadow:4px 4px 4px 4px rgb(20, 49,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.7489, 8.2368, -36.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 49, 112) }
```

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

```
.background{ background-color: rgb(20, 49,  
112) }
```

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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