

Converting Colors

HunterLab(18.4741, -0.1650,
-42.1774)

Have a look what the booklet for
HunterLab(18.4741, -0.1650,
-42.1774) contains.

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Color

**HunterLab(20.2798, 5.2195,
-36.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	003875
RGB	0, 56, 117
RGB Percent	0%, 22%, 46%
CMY	0.9999, 0.7804, 0.5412
CMYK	1.00, 0.52, 0.00, 0.54
HSL	211°, 100%, 23%
HSV	211°, 100%, 46%
XYZ	4.6251, 4.1127, 17.3797
YIQ	46.2100, -52.9570, 7.0990

Conversions

Conversions Part 2

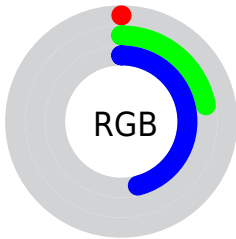
Format	Color
RYB	0, 38, 117
Decimal	14453
CIELab	24.04, 9.95, -39.45
CIELCh	24, 40.691, 284.160
Yxy	4.1128, 0.1771, 0.1575
Android (android.graphics.Color)	4278204533 (0xFF003875)
YUV	46.2100, 34.8995, -40.5262
Hunter-Lab	20.2798, 5.2195, -36.6154

Details

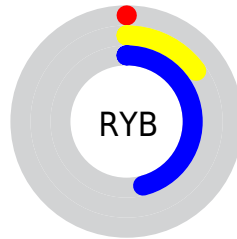
The HunterLab color **20.2798, 5.2195, -36.6154** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **26.6850, 13.5417, 16.6794**, and the grayscale version is **16.5007, -0.8804, 0.8965**.

A 20% lighter version of the original color is **37.1773, 5.7820, -37.6406**, and **8.5524, 10.0879, -32.4666** is the 20% darker color. If you saturate the color by 10%, you get **20.2782, 5.2229, -36.6206**, and if you desaturate by 10%, it is **21.9470, 2.9638, -31.8902**.

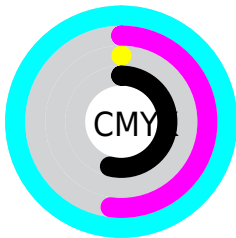
Distribution



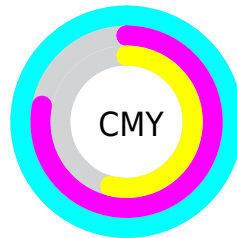
- Red (0%)
- Green (22%)
- Blue (46%)



- Red (0%)
- Yellow (15%)
- Blue (46%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (78%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2798, 5.2195, -36.6154 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 20.2798, 5.2195, -36.6154 by changing the saturation by 10% instead.

■ 20.2798, 5.2195,
-36.6154

■ 20.2798, 5.2195,
-36.6154

■ 118.6952, 4.5809,
-41.5270

■ 13.1790, 4.8594,
-37.2962

■ 37.2378, 5.5853,
-37.2668

■ 6.6885, 6.1280,
-44.2233

■ 46.9182, 5.6304,
-37.8895

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.3167, 5.6011,
-38.5543

0.0000, NaN, NaN

■ 68.3869, 5.5059,
-39.2173

0.0000, NaN, NaN

■ 80.0903, 5.3515,
-39.8555

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.3941, 5.1431,

-40.4569

0.0000, NaN, NaN

105.2706, 4.8851,
-41.0151

20.2798, 5.2195,
-36.6154

20.2798, 5.2195,
-36.6154

20.2782, 5.2229,
-36.6206

21.9470, 2.9638,
-31.8902

23.7279, 1.0037,
-27.4147

25.6548, -0.5269,
-23.0955

27.7143, -1.6573,
-18.9560

29.8926, -2.4272,
-15.0034

■ 32.1774, -2.8790,
-11.2332

■ 34.5576, -3.0530,
-7.6338

■ 37.0234, -2.9856,
-4.1900

■ 39.5666, -2.7087,
-0.8857

Harmonies

Analogous

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



20.2801, -7.3073, -36.1824



20.2798, 5.2195, -36.6154



20.2801, 18.8080, -23.5160

Triad

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



20.2801, 5.2202, -36.6149



20.2801, 19.4945, 11.5181



20.2801, -19.5864, 6.4606

Complementary

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



20.2798, 5.2195, -36.6154



26.6850, 13.5417, 16.6794

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.



20.2801, -15.4050, 11.6904



20.2798, 5.2195, -36.6154



20.2801, 5.9958, 13.7251

Square

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



20.2801, 5.2202, -36.6149



20.2801, 28.3185, 5.9899



20.2801, -6.6998, 13.7882



20.2801, -19.6965, -5.4153

Rectangle

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



20.2798, 5.2195, -36.6154



20.2801, 25.7958, -11.8002



20.2801, -6.6998, 13.7882



20.2801, -18.6670, 8.8238

Sweetspot

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



20.2801, 5.2202, -36.6149



45.9891, -4.0794, -10.5864



36.1301, -27.7094, 14.6585



21.5435, -1.9333, -5.8281



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.



20.2801, 5.2202, -36.6149



26.6349, 7.9874, -50.5337



11.3900, 30.7750, -80.0489



19.6269, -1.3175, -0.2851



21.2125, 5.6255, -38.6577



44.9796, 16.1620, -91.1096

Inverse Universe

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



20.1687, 35.9514, 2.0586



26.9375, 47.9279, 3.4791



40.4610, -11.5218, 24.7296



19.3063, 0.8865, 0.5822



21.1618, 37.7118, 2.2678



46.5315, 82.5797, 7.6405

Previews

White Background



This preview shows how the HunterLab color 20.2798, 5.2195, -36.6154 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 20.2798, 5.2195, -36.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

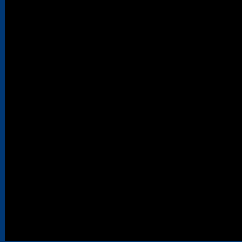
Any Text WCAG AA × Fail

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 20.2798, 5.2195, -36.6154 Background



This preview shows how black text looks on a background with the HunterLab color 20.2798, 5.2195, -36.6154.



This preview shows how white text looks on a background with the HunterLab color 20.2798, 5.2195, -36.6154.

-36.6154.

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

20.2798, 5.2195, -36.6154

Protanopia

20.5087, 5.9408, -35.9126

Deuteranopia

20.2169, -0.3961, -24.4144



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

20.2798, 5.2195, -36.6154

Protanomaly

20.4225, 5.6700, -36.1758

Deuteranomaly

20.2179, 1.4073, -28.3086

Tritanomaly

20.0234, -5.1909, -13.8218

Monochromacy



Original Color

20.2798, 5.2195, -36.6154

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.3502, -1.3814, -10.2839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2798, 5.2195, -36.6154 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(0, 56, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 117)  
}
```

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(0, 56, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2798, 5.2195, -36.6154 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(0, 56, 117) }
```


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

```
.border{ border-color:rgb(0, 56, 117) }
```

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

Here you see how a box with a 4 pixel rgb(0, 56, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 56, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 56, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.2798, 5.2195, -36.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 117) }
```

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

```
.background{ background-color: rgb(0, 56,  
117) }
```

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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