

Converting Colors

HunterLab(16.9983, -7.2454,
-48.8224)

Have a look what the booklet for
HunterLab(16.9983, -7.2454,
-48.8224) contains.

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Color

**HunterLab(20.5198, 4.7493,
-35.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	003975
RGB	0, 57, 117
RGB Percent	0%, 22%, 46%
CMY	0.9999, 0.7765, 0.5412
CMYK	1.00, 0.51, 0.00, 0.54
HSL	211°, 100%, 23%
HSV	211°, 100%, 46%
XYZ	4.6740, 4.2106, 17.3960
YIQ	46.7970, -53.2320, 6.5760

Conversions

Conversions Part 2

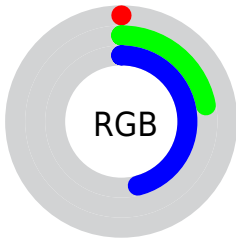
Format	Color
RYB	0, 38, 117
Decimal	14709
CIELab	24.36, 9.24, -38.94
CIElCh	24, 40.025, 283.343
Yxy	4.2107, 0.1779, 0.1602
Android (android.graphics.Color)	4278204789 (0xFF003975)
YUV	46.7970, 34.6101, -41.0410
Hunter-Lab	20.5198, 4.7493, -35.9003

Details

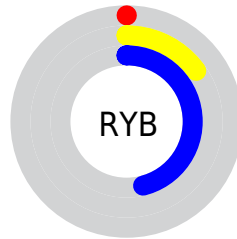
The HunterLab color **20.5198, 4.7493, -35.9003** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **26.4861, 13.9859, 16.5646**, and the grayscale version is **16.6958, -0.8908, 0.9071**.

A 20% lighter version of the original color is **37.4423, 5.2881, -37.0567**, and **8.7121, 9.6316, -31.6812** is the 20% darker color. If you saturate the color by 10%, you get **20.5182, 4.7526, -35.9055**, and if you desaturate by 10%, it is **22.1712, 2.5514, -31.2996**.

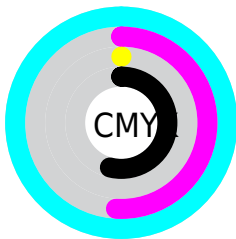
Distribution



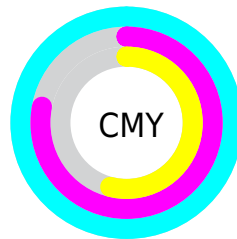
- Red (0%)
- Green (22%)
- Blue (46%)



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



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5198, 4.7493, -35.9003 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 20.5198, 4.7493, -35.9003 by changing the saturation by 10% instead.

■ 20.5198, 4.7493,
-35.9003

■ 20.5198, 4.7493,
-35.9003

■ 119.1271, 3.7701,
-40.8208

■ 13.3870, 4.4428,
-36.4789

■ 37.5315, 5.0218,
-36.6104

■ 6.9445, 5.4253,
-42.3060

■ 47.2353, 5.0256,
-37.2372

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.6557, 4.9574,
-37.8994

0.0000, NaN, NaN

■ 68.7464, 4.8255,
-38.5555

0.0000, NaN, NaN

■ 80.4692, 4.6363,
-39.1845

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7915, 4.3947,

-39.7750

0.0000, NaN, NaN

105.6856, 4.1049,
-40.3214

20.5198, 4.7493,
-35.9003

20.5198, 4.7493,
-35.9003

20.5182, 4.7526,
-35.9055

22.1712, 2.5514,
-31.2996

23.9330, 0.6448,
-26.9341

25.8383, -0.8366,
-22.7117

27.8740, -1.9209,
-18.6558

30.0273, -2.6467,
-14.7746

■ 32.2861, -3.0553,
-11.0650

■ 34.6396, -3.1862,
-7.5172

■ 37.0784, -3.0752,
-4.1178

■ 39.5942, -2.7540,
-0.8520

Harmonies

Analogous

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



20.5201, -7.5400, -35.0721



20.5198, 4.7493, -35.9003



20.5201, 18.1410, -23.4339

Triad

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



20.5201, 4.7500, -35.8998



20.5201, 19.4690, 11.4281



20.5201, -19.4171, 6.6486

Complementary

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



20.5198, 4.7493, -35.9003



26.4861, 13.9859, 16.5646

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.



20.5201, -15.1229, 11.7612



20.5198, 4.7493, -35.9003



20.5201, 6.2567, 13.6272

Square

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



20.5201, 4.7500, -35.8998



20.5201, 27.9130, 5.7235



20.5201, -6.3529, 13.7482



20.5201, -19.6347, -4.8905

Rectangle

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



20.5198, 4.7493, -35.9003



20.5201, 25.1010, -12.0140



20.5201, -6.3529, 13.7482



20.5201, -18.4597, 8.9541

Sweetspot

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



20.5201, 4.7500, -35.8998



46.1016, -4.2622, -10.4254



36.1019, -27.8845, 15.0719



21.6032, -2.0301, -5.7404



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.



20.5201, 4.7500, -35.8998



26.9600, 7.3367, -49.5356



11.3347, 30.7351, -80.5113



19.6392, -1.3377, -0.2701



21.4650, 5.1289, -37.9012



45.5511, 14.9853, -89.2837

Inverse Universe

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



20.1932, 36.0405, 1.7083



26.9701, 48.0469, 3.0114



40.6259, -10.9116, 24.8419



19.3076, 0.8933, 0.5643



21.1875, 37.8053, 1.9002



46.5876, 82.7844, 6.8347

Previews

White Background



This preview shows how the HunterLab color 20.5198, 4.7493, -35.9003 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

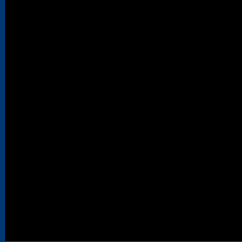
Any Text WCAG AA × Fail

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 20.5198, 4.7493, -35.9003 Background



This preview shows how black text looks on a background with the HunterLab color 20.5198, 4.7493, -35.9003.



This preview shows how white text looks on a background with the HunterLab color 20.5198, 4.7493, -35.9003.

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

20.5198, 4.7493, -35.9003

Protanopia

20.5615, 5.9924, -34.8700

Deuteranopia

20.5699, -0.2923, -25.0796



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.5198, 4.7493, -35.9003

Protanomaly

20.4144, 5.5299, -35.3121

Deuteranomaly

20.5720, 1.5202, -28.9949

Tritanomaly

20.2907, -5.5780, -13.3204

Monochromacy



Original Color

20.5198, 4.7493, -35.9003

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.6396, -1.6352, -9.7663

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5198, 4.7493, -35.9003 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, 57, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 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, 57, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5198, 4.7493, -35.9003 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, 57, 117) }
```


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

```
.border{ border-color:rgb(0, 57, 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, 57, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 57, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 57, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5198, 4.7493, -35.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 117) }
```

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

```
.background{ background-color: rgb(0, 57,  
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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