

Converting Colors

HunterLab(17.1784, -1.5131,
-48.1845)

Have a look what the booklet for
HunterLab(17.1784, -1.5131,
-48.1845) contains.

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Color

**HunterLab(19.6321, 6.9508,
-39.5433)**

Conversions

Conversions Part 1

Format	Color
Hex	003576
RGB	0, 53, 118
RGB Percent	0%, 21%, 46%
CMY	0.9999, 0.7922, 0.5373
CMYK	1.00, 0.55, 0.00, 0.54
HSL	213°, 100%, 23%
HSV	213°, 100%, 46%
XYZ	4.5431, 3.8542, 17.6440
YIQ	44.5630, -52.4530, 8.9790

Conversions

Conversions Part 2

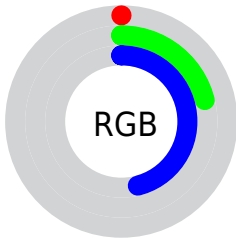
Format	Color
RYB	0, 37, 118
Decimal	13686
CIELab	23.18, 12.56, -41.48
CIELCh	23, 43.341, 286.852
Yxy	3.8543, 0.1745, 0.1480
Android (android.graphics.Color)	4278203766 (0xFF003576)
YUV	44.5630, 36.2044, -39.0818
Hunter-Lab	19.6321, 6.9508, -39.5433

Details

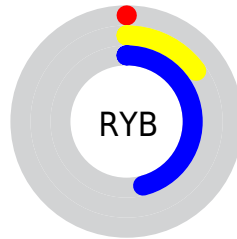
The HunterLab color **19.6321, 6.9508, -39.5433** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.6292, 12.1350, 17.2366**, and the grayscale version is **15.9537, -0.8513, 0.8668**.

A 20% lighter version of the original color is **36.4963, 7.7175, -39.9668**, and **7.9060, 12.6227, -37.1306** is the 20% darker color. If you saturate the color by 10%, you get **19.6304, 6.9544, -39.5490**, and if you desaturate by 10%, it is **21.3646, 4.4606, -34.3220**.

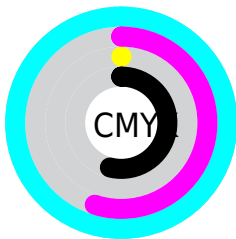
Distribution



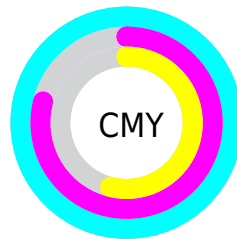
- Red (0%)
- Green (21%)
- Blue (46%)



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



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (79%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6321, 6.9508, -39.5433 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 19.6321, 6.9508, -39.5433 by changing the saturation by 10% instead.

■ 19.6321, 6.9508,
-39.5433

■ 19.6321, 6.9508,
-39.5433

■ 117.5236, 7.5270,
-44.3746

■ 12.6190, 6.4033,
-40.6321

■ 36.4432, 7.6465,
-39.9497

■ 5.9369, 8.9048,
-52.1721

■ 46.0595, 7.8393,
-40.5498

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.3985, 7.9486,
-41.2199

0.0000, NaN, NaN

■ 67.4127, 7.9845,
-41.9047

0.0000, NaN, NaN

■ 79.0631, 7.9547,
-42.5751

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.3167, 7.8654,

-43.2152

0.0000, NaN, NaN

104.1451, 7.7214,
-43.8166

19.6321, 6.9508,
-39.5433

19.6321, 6.9508,
-39.5433

19.6304, 6.9544,
-39.5490

21.3646, 4.4606,
-34.3220

23.2252, 2.2869,
-29.4033

25.2439, 0.5632,
-24.6905

27.4040, -0.7438,
-20.2091

29.6898, -1.6788,
-15.9622

■ 32.0868, -2.2882,
-11.9389

■ 34.5828, -2.6158,
-8.1208

■ 37.1672, -2.7005,
-4.4866

■ 39.8310, -2.5759,
-1.0144

Harmonies

Analogous

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



19.6323, -6.5474, -40.6128



19.6321, 6.9508, -39.5433



19.6323, 21.3804, -24.0020

Triad

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



19.6323, 6.9516, -39.5428



19.6323, 19.7449, 11.9794



19.6323, -20.2983, 5.8468

Complementary

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



19.6321, 6.9508, -39.5433



27.6292, 12.1350, 17.2366

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.



19.6323, -16.4725, 11.5612



19.6321, 6.9508, -39.5433



19.6323, 5.1312, 13.7426

Square

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



19.6323, 6.9516, -39.5428



19.6323, 30.0123, 6.9063



19.6323, -7.9428, 13.7426



19.6323, -20.0556, -7.3993

Rectangle

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



19.6321, 6.9508, -39.5433



19.6323, 28.5294, -11.1417



19.6323, -7.9428, 13.7426



19.6323, -19.5003, 8.4425

Sweetspot

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



19.6323, 6.9516, -39.5428



45.6021, -3.4476, -11.1434



36.5206, -27.5957, 13.9249



21.3386, -1.5988, -6.1316



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.



19.6323, 6.9516, -39.5428



25.5355, 10.2572, -54.0595



11.6037, 31.1373, -79.8810



19.5846, -1.2477, -0.3366



20.3579, 7.3581, -41.3296



43.0516, 20.2662, -97.5597

Inverse Universe

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



20.2704, 35.9781, 3.2687



26.8298, 47.5349, 5.0264



40.5072, -12.8370, 24.7350



19.3020, 0.8632, 0.6440



21.0769, 37.4021, 3.4859



46.3470, 81.9056, 10.2976

Previews

White Background



This preview shows how the HunterLab color 19.6321, 6.9508, -39.5433 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 19.6321, 6.9508, -39.5433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

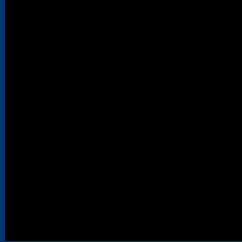
Any Text WCAG AA × Fail

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 19.6321, 6.9508, -39.5433 Background



This preview shows how black text looks on a background with the HunterLab color 19.6321, 6.9508, -39.5433.



This preview shows how white text looks on a background with the HunterLab color 19.6321, 6.9508,

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

19.6321, 6.9508, -39.5433

Deuteranopia

19.5630, -0.3358, -23.7271

Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.6321, 6.9508, -39.5433

Deuteranomaly

19.6697, 2.0201, -28.9461

Tritanomaly

19.4520, -4.6429, -14.2907

Monochromacy



Original Color

19.6321, 6.9508, -39.5433

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.8612, -0.5707, -11.1786

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6321, 6.9508, -39.5433 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, 53, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 53, 118)  
}
```

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, 53, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 53, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6321, 6.9508, -39.5433 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, 53, 118) }
```

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

```
.border{ border-color:rgb(0, 53, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 53, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 53, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 53, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 53, 118)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 19.6321, 6.9508, -39.5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 53, 118) }
```

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

```
.background{ background-color: rgb(0, 53,  
118) }
```

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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