

Converting Colors

HunterLab(19.1772, 2.1018,
-59.7493)

Have a look what the booklet for
HunterLab(19.1772, 2.1018,
-59.7493) contains.

HunterLab(21.9173, 10.1599, -49.3270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.9173, 10.1599,
-49.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	003A88
RGB	0, 58, 136
RGB Percent	0%, 23%, 53%
CMY	0.9999, 0.7725, 0.4667
CMYK	1.00, 0.57, 0.00, 0.47
HSL	214°, 100%, 27%
HSV	214°, 100%, 53%
XYZ	5.9570, 4.8037, 23.9058
YIQ	49.5500, -59.6060, 11.9620

Conversions

Conversions Part 2

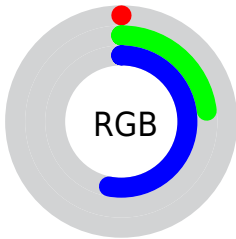
Format	Color
RYB	0, 41, 136
Decimal	14984
CIELab	26.17, 16.85, -47.95
CIELCh	26, 50.826, 289.364
Yxy	4.8038, 0.1718, 0.1386
Android (android.graphics.Color)	4278205064 (0xFF003A88)
YUV	49.5500, 42.6198, -43.4553
Hunter-Lab	21.9173, 10.1599, -49.3270

Details

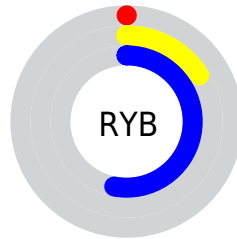
The HunterLab color **21.9173, 10.1599, -49.3270** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **32.6892, 13.1213, 20.3717**, and the grayscale version is **17.5872, -0.9384, 0.9555**.

A 20% lighter version of the original color is **39.1456, 11.5343, -49.4608**, and **10.4331, 13.4965, -42.1755** is the 20% darker color. If you saturate the color by 10%, you get **21.9148, 10.1655, -49.3360**, and if you desaturate by 10%, it is **23.9607, 6.9077, -42.7517**.

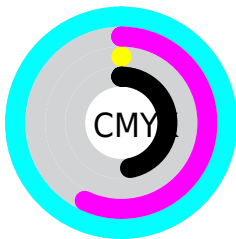
Distribution



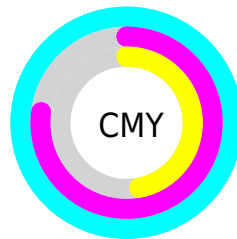
- Red (0%)
- Green (23%)
- Blue (53%)



- Red (0%)
- Yellow (16%)
- Blue (53%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (77%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9173, 10.1599, -49.3270 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 21.9173, 10.1599, -49.3270 by changing the saturation by 10% instead.

■ 21.9173, 10.1599,
-49.3270

■ 21.9173, 10.1599,
-49.3270

■ 121.6197, 12.3623,
-54.1047

■ 14.6034, 9.3961,
-50.8898

■ 39.2344, 11.2693,
-49.3316

■ 8.2636, 8.8656,
-56.7016

■ 49.0719, 11.6561,
-49.8807

0.0000, INF, -NF

■ 59.6169, 11.9516,
-50.5545

0.0000, NaN, -NF

■ 70.8248, 12.1662,
-51.2799

0.0000, NaN, -NF

■ 82.6585, 12.3085,
-52.0165

0.0000, NaN, NaN

■ 95.0864, 12.3851,

0.0000, NaN, NaN

0.0000, NaN, NaN

-52.7410

0.0000, NaN, NaN

108.0814, 12.4015,
-53.4398

■ 21.9173, 10.1599,
-49.3270

■ 21.9173, 10.1599,
-49.3270

■ 21.9148, 10.1655,
-49.3360

■ 23.9607, 6.9077,
-42.7517

■ 26.1881, 4.0920,
-36.5260

■ 28.6186, 1.8339,
-30.5893

■ 31.2287, 0.0925,
-24.9783

■ 33.9965, -1.1898,
-19.6948

■ 36.9028, -2.0735,
-14.7201

■ 39.9314, -2.6149,
-10.0251

■ 43.0684, -2.8638,
-5.5774

■ 46.3023, -2.8627,
-1.3451

Harmonies

Analogous

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



21.9176, -6.6363, -52.5990



21.9173, 10.1599, -49.3270



21.9176, 27.8802, -28.2665

Triad

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



21.9176, 10.1609, -49.3264



21.9176, 23.0692, 14.1039



21.9176, -24.1752, 5.9938

Complementary

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



21.9173, 10.1599, -49.3270



32.6892, 13.1213, 20.3717

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.



21.9176, -20.1749, 13.0696



21.9173, 10.1599, -49.3270



21.9176, 4.8893, 15.3423

Square

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



21.9176, 10.1609, -49.3264



21.9176, 36.7061, 8.9276



21.9176, -10.5843, 15.3423



21.9176, -23.5193, -11.1027

Rectangle

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



21.9173, 10.1599, -49.3270



21.9176, 36.3282, -12.0536



21.9176, -10.5843, 15.3423



21.9176, -23.3905, 9.2862

Sweetspot

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



21.9176, 10.1609, -49.3264



52.7376, -3.4363, -13.7120



42.5974, -32.0270, 15.8957



24.6626, -1.5453, -7.6836



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



21.9176, 10.1609, -49.3264



28.5795, 14.6240, -67.2908



13.5522, 36.3169, -92.9175



22.8473, -1.3994, -0.4935



21.3619, 9.7988, -47.8532



2.4163, -0.4206, -2.1121

Inverse Universe

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



23.5375, 41.6021, 5.1488



31.1971, 55.0553, 7.5286



47.0271, -15.6945, 28.7024



22.5426, 1.0576, 0.7954



22.9017, 40.4897, 4.9548



1.9410, 3.5696, -0.6489

Previews

White Background



This preview shows how the HunterLab color 21.9173, 10.1599, -49.3270 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 21.9173, 10.1599, -49.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

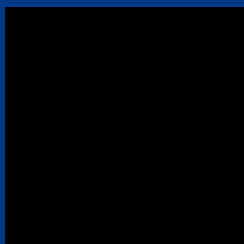
Any Text WCAG AA × Fail

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 21.9173, 10.1599, -49.3270 Background



This preview shows how black text looks on a background with the HunterLab color 21.9173, 10.1599, -49.3270.



This preview shows how white text looks on a background with the HunterLab color 21.9173, 10.1599, -49.3270.

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

21.9173, 10.1599, -49.3270

Protanopia

21.8866, 6.6537, -41.7198

Deuteranopia

21.8920, -0.4137, -26.4700



Tritanopia

21.7960, -10.5920, -4.3780

Trichromacy



Original Color

21.9173, 10.1599, -49.3270

Protanomaly

21.8326, 8.0740, -44.7182

Deuteranomaly

21.8567, 3.0128, -33.8228

Tritanomaly

21.5492, -4.1802, -17.9108

Monochromacy



Original Color

21.9173, 10.1599, -49.3270

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.5671, -0.2480, -13.4218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9173, 10.1599, -49.3270 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, 58, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 136)  
}
```

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, 58, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9173, 10.1599, -49.3270 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, 58, 136) }
```


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

```
.border{ border-color:rgb(0, 58, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 58, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 58, 136)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9173, 10.1599, -49.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 136) }
```

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

```
.background{ background-color: rgb(0, 58,  
136) }
```

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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