

Converting Colors

HunterLab(19.6861, -0.3876,
-23.7691)

Have a look what the booklet for
HunterLab(19.6861, -0.3876,
-23.7691) contains.

HunterLab(19.5630, -0.3358, -23.7271)	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(19.5630, -0.3358,
-23.7271)**

Conversions

Conversions Part 1

Format	Color
Hex	003963
RGB	0, 57, 99
RGB Percent	0%, 22%, 39%
CMY	1.0000, 0.7765, 0.6118
CMYK	1.00, 0.42, 0.00, 0.61
HSL	205°, 100%, 19%
HSV	205°, 100%, 39%
XYZ	3.7153, 3.8271, 12.3473
YIQ	44.7450, -47.4540, 0.9780

Conversions

Conversions Part 2

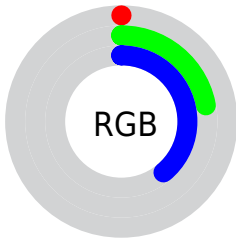
Format	Color
RYB	0, 36, 99
Decimal	14691
CIELab	23.09, 1.19, -29.41
CIELCh	23, 29.430, 272.322
Yxy	3.8272, 0.1868, 0.1924
Android (android.graphics.Color)	4278204771 (0xFF003963)
YUV	44.7450, 26.7477, -39.2414
Hunter-Lab	19.5630, -0.3358, -23.7271

Details

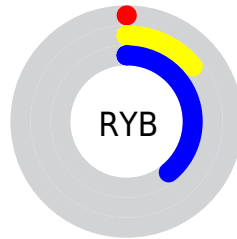
The HunterLab color **19.5630, -0.3358, -23.7271** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.7589, 15.0407, 13.0540**, and the grayscale version is **16.0423, -0.8560, 0.8716**.

A 20% lighter version of the original color is **36.4636, -1.2980, -24.4711**, and **7.4967, 5.3783, -20.9805** is the 20% darker color. If you saturate the color by 10%, you get **19.5621, -0.3341, -23.7296**, and if you desaturate by 10%, it is **20.7937, -1.5737, -20.8732**.

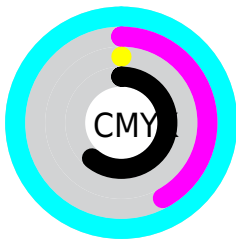
Distribution



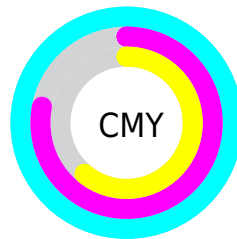
- Red (0%)
- Green (22%)
- Blue (39%)



- Red (0%)
- Yellow (14%)
- Blue (39%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5630, -0.3358, -23.7271 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 19.5630, -0.3358, -23.7271 by changing the saturation by 10% instead.

■ 19.5630, -0.3358,
-23.7271

■ 19.5630, -0.3358,
-23.7271

■ 117.3981, -4.9873,
-27.7927

■ 12.5594, -0.0572,
-23.5708

■ 36.3583, -1.0717,
-24.7752

■ 5.8505, 0.5755,
-29.2938

■ 45.9677, -1.5148,
-25.3455

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.3003, -2.0014,
-25.8833

0.0000, NaN, NaN

■ 67.3085, -2.5281,
-26.3737

0.0000, NaN, NaN

■ 78.9532, -3.0921,
-26.8107

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.2014, -3.6912,

-27.1925

0.0000, NaN, NaN

104.0246, -4.3235,
-27.5195

19.5630, -0.3358,
-23.7271

19.5630, -0.3358,
-23.7271

19.5621, -0.3341,
-23.7296

20.7937, -1.5737,
-20.8732

22.0781, -2.6571,
-18.1426

23.4589, -3.4302,
-15.4395

24.9307, -3.9077,
-12.7797

26.4872, -4.1114,
-10.1743

■ 28.1220, -4.0662,
-7.6301

■ 29.8289, -3.7976,
-5.1495

■ 31.6018, -3.3299,
-2.7325

■ 33.4355, -2.6853,
-0.3767

Harmonies

Analogous

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



19.5633, -8.4857, -19.9816



19.5630, -0.3358, -23.7271



19.5633, 9.1493, -18.7092

Triad

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



19.5633, -0.3354, -23.7266



19.5633, 15.9279, 8.0061



19.5633, -14.1869, 7.2964

Complementary

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



19.5630, -0.3358, -23.7271



20.7589, 15.0407, 13.0540

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.



19.5633, -9.5023, 10.5213



19.5630, -0.3358, -23.7271



19.5633, 7.7067, 10.7807

Square

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



19.5633, -0.3354, -23.7266



19.5633, 19.5414, 1.7233



19.5633, -1.7445, 11.4892



19.5633, -15.5659, 0.3828

Rectangle

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



19.5630, -0.3358, -23.7271



19.5633, 14.7101, -11.9863



19.5633, -1.7445, 11.4892



19.5633, -12.9944, 8.7183

Sweetspot

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



19.5633, -0.3354, -23.7266



38.8713, -5.0151, -7.0225



30.1425, -23.9293, 13.9822



18.6391, -2.5040, -3.8693



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



19.5633, -0.3354, -23.7266



25.2264, 0.2382, -32.0451



10.3933, 22.0329, -60.5501



16.5192, -1.2773, -0.0553



22.1554, -0.0761, -27.5281



49.4472, 2.8922, -68.0482

Inverse Universe

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



17.1706, 31.1224, -2.2411



22.4431, 40.6018, -2.2981



31.7685, -5.7815, 19.4739



16.1612, 0.7359, 0.3384



19.5828, 35.4612, -2.2684



45.0641, 81.2455, -2.4443

Previews

White Background



This preview shows how the HunterLab color 19.5630, -0.3358, -23.7271 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 19.5630, -0.3358, -23.7271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

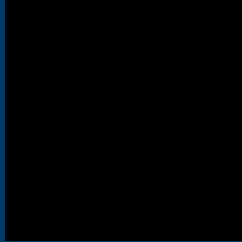
Any Text WCAG AA × Fail

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 19.5630, -0.3358, -23.7271 Background



This preview shows how black text looks on a background with the HunterLab color 19.5630, -0.3358, -23.7271.



This preview shows how white text looks on a background with the HunterLab color 19.5630, -0.3358,

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

19.5630, -0.3358, -23.7271

Protanopia

19.6880, 3.5655, -21.1319

Deuteranopia

19.8209, 0.5460, -23.0873



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.5630, -0.3358, -23.7271

Protanomaly

19.4670, 1.6983, -22.4191

Deuteranomaly

19.7272, 0.2271, -23.3181

Tritanomaly

19.4468, -6.5778, -10.1073

Monochromacy



Original Color

19.5630, -0.3358, -23.7271

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.8508, -2.3799, -7.2546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5630, -0.3358, -23.7271 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5630, -0.3358, -23.7271 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, 99) }
```


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

```
.border{ border-color:rgb(0, 57, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 99); box-shadow:4px  
4px 4px 4px rgb(0, 57, 99) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.5630, -0.3358, -23.7271 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, 99) }
```

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

```
.background{ background-color: rgb(0, 57,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor