

Converting Colors

HunterLab(19.4580, -0.4993,
-10.5587)

Have a look what the booklet for
HunterLab(19.4580, -0.4993,
-10.5587) contains.

HunterLab(19.6061, -0.6198, -10.2991)	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(19.6061, -0.6198,
-10.2991)**

Conversions

Conversions Part 1

Format	Color
Hex	28384F
RGB	40, 56, 79
RGB Percent	16%, 22%, 31%
CMY	0.8431, 0.7804, 0.6902
CMYK	0.49, 0.29, 0.00, 0.69
HSL	215°, 33%, 23%
HSV	215°, 49%, 31%
XYZ	3.7005, 3.8440, 7.9441
YIQ	53.8380, -16.9190, 3.7610

Conversions

Conversions Part 2

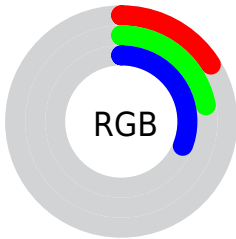
Format	Color
RYB	40, 51, 79
Decimal	2635855
CIELab	23.15, 0.72, -16.07
CIELCh	23, 16.089, 272.563
Yxy	3.8441, 0.2389, 0.2482
Android (android.graphics.Color)	4280825935 (0xFF28384F)
YUV	53.8380, 12.4049, -12.1359
Hunter-Lab	19.6061, -0.6198, -10.2991

Details

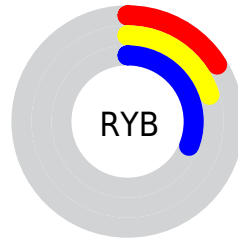
The HunterLab color **19.6061, -0.6198, -10.2991** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.1746, 0.9225, 9.1599**, and the grayscale version is **19.1156, -1.0200, 1.0386**.

A 20% lighter version of the original color is **36.4489, -1.7030, -10.7899**, and **6.1991, 1.6726, -11.3590** is the 20% darker color. If you saturate the color by 10%, you get **18.0856, 0.0218, -13.1057**, and if you desaturate by 10%, it is **21.1940, -1.0738, -7.6529**.

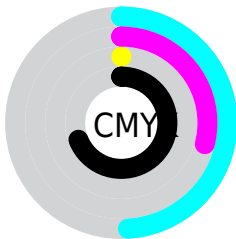
Distribution



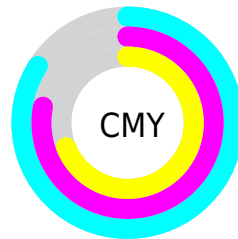
- Red (16%)
- Green (22%)
- Blue (31%)



- Red (16%)
- Yellow (20%)
- Blue (31%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6061, -0.6198, -10.2991 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 19.6061, -0.6198, -10.2991 by changing the saturation by 10% instead.

■ 19.6061, -0.6198,
-10.2991

■ 19.6061, -0.6198,
-10.2991

■ 117.4765, -5.5007,
-11.2421

■ 12.5967, -0.3035,
-9.8777

■ 36.4114, -1.4202,
-10.9758

■ 5.9046, 0.2156,
-12.0330

■ 46.0251, -1.8913,
-11.2045

0.0000, NaN, -NF

■ 56.3617, -2.4040,
-11.3623

0.0000, NaN, NaN

■ 67.3736, -2.9552,
-11.4537

0.0000, NaN, NaN

■ 79.0219, -3.5423,
-11.4834

0.0000, NaN, NaN

■ 91.2735, -4.1634,

0.0000, NaN, NaN

0.0000, NaN, NaN

-11.4556

0.0000, NaN, NaN

104.0999, -4.8167,
-11.3740

19.6061, -0.6198,
-10.2991

19.6061, -0.6198,
-10.2991

18.0856, 0.0218,
-13.1057

21.1940, -1.0738,
-7.6529

16.6403, 0.8797,
-16.0876

22.8406, -1.3662,
-5.1515

15.2807, 1.9833,
-19.2511

24.5400, -1.5198,
-2.7772

14.0168, 3.3527,
-22.5939

26.2870, -1.5539,
-0.5136

12.8032, 4.8271,
-26.2818

28.0770, -1.4848,
1.6543

■ 12.7271, 4.9216,
-26.5320

■ 29.9063, -1.3264,
3.7397

■ 31.7716, -1.0899,
5.7543

■ 33.6702, -0.7852,
7.7079

■ 35.5997, -0.4202,
9.6092

Harmonies

Analogous

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



19.6065, -5.2415, -8.7849



19.6061, -0.6198, -10.2991



19.6065, 4.3412, -8.1959

Triad

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



19.6065, -0.6199, -10.2987



19.6065, 7.6333, 5.3405



19.6065, -8.7972, 4.7964

Complementary

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



19.6061, -0.6198, -10.2991



23.1746, 0.9225, 9.1599

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.



19.6065, -5.9100, 7.2656



19.6061, -0.6198, -10.2991



19.6065, 3.5322, 7.5206

Square

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



19.6065, -0.6199, -10.2987



19.6065, 9.3920, 1.4677



19.6065, -1.4709, 8.1270



19.6065, -9.6757, 0.6581

Rectangle

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



19.6061, -0.6198, -10.2991



19.6065, 7.0940, -5.2704



19.6065, -1.4709, 8.1270



19.6065, -8.0445, 5.8105

Sweetspot

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



19.6065, -0.6199, -10.2987



32.8569, -2.0154, -2.4721



25.2968, -12.0830, 4.4397



16.2766, -1.0022, -1.3966



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



19.6065, -0.6199, -10.2987



23.2464, 0.1987, -17.7330



16.1285, 6.9363, -17.1333



13.2299, -0.7772, -0.1743



16.1379, 7.3834, -36.1096



37.0376, 23.0383, -96.0268

Inverse Universe

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



18.6159, 12.4614, -0.2272



22.0621, 20.4505, -0.1115



26.9658, -6.5481, 12.0873



13.0869, 0.4376, 0.5122



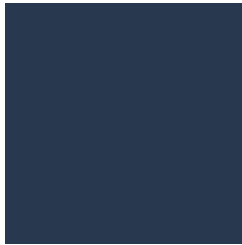
17.2941, 30.5768, 3.7315



41.8943, 73.6808, 12.0670

Previews

White Background



This preview shows how the HunterLab color 19.6061, -0.6198, -10.2991 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

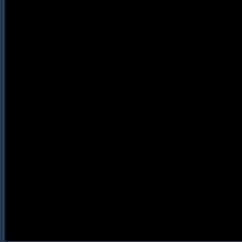
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

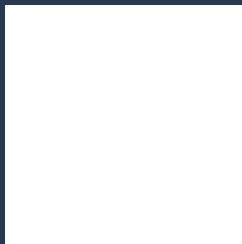
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 19.6061, -0.6198, -10.2991 Background



This preview shows how black text looks on a background with the HunterLab color 19.6061, -0.6198, -10.2991.



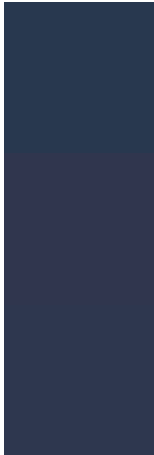
This preview shows how white text looks on a background with the HunterLab color 19.6061, -0.6198, -10.2991.

-10.2991.

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

19.6061, -0.6198, -10.2991

Protanopia

19.5366, 1.5652, -9.8084

Deuteranopia

19.6920, 0.9290, -10.1215



Tritanopia

19.6352, -5.4300, -2.6423

Trichromacy



Original Color

19.6061, -0.6198, -10.2991

Protanomaly

19.5967, 0.5329, -9.7222

Deuteranomaly

19.5764, 0.5376, -10.3310

Tritanomaly

19.6191, -3.8526, -4.9931

Monochromacy



Original Color

19.6061, -0.6198, -10.2991

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.3500, -1.2988, -2.5086

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6061, -0.6198, -10.2991 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(40, 56, 79)` looks like.

```
.text, #text, p{  
    color:rgb(40, 56, 79)  
}
```

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(40, 56, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 56, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6061, -0.6198, -10.2991 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(40, 56, 79) }
```


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

```
.border{ border-color:rgb(40, 56, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 56, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 56, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 56, 79);  
box-shadow:4px 4px 4px 4px rgb(40, 56, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6061, -0.6198, -10.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 56, 79) }
```

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

```
.background{ background-color: rgb(40, 56,  
79) }
```

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