

Converting Colors

HunterLab(19.2122, -5.4925,
-6.1397)

Have a look what the booklet for
HunterLab(19.2122, -5.4925,
-6.1397) contains.

HunterLab(19.1702, -5.4329, -6.2034)	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(19.1702, -5.4329,
-6.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	193A46
RGB	25, 58, 70
RGB Percent	10%, 23%, 27%
CMY	0.9020, 0.7725, 0.7255
CMYK	0.64, 0.17, 0.00, 0.73
HSL	196°, 47%, 19%
HSV	196°, 64%, 27%
XYZ	3.0194, 3.6750, 6.3445
YIQ	49.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

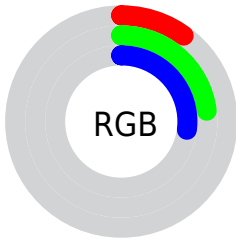
Format	Color
RYB	25, 44, 70
Decimal	1653318
CIELab	22.57, -7.88, -11.04
CIELCh	23, 13.566, 234.492
Yxy	3.6751, 0.2316, 0.2818
Android (android.graphics.Color)	4279843398 (0xFF193A46)
YUV	49.5010, 10.1060, -21.4874
Hunter-Lab	19.1702, -5.4329, -6.2034

Details

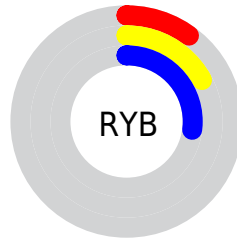
The HunterLab color **19.1702, -5.4329, -6.2034** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.4180, 7.8306, 6.9321**, and the grayscale version is **17.6659, -0.9426, 0.9598**.

A 20% lighter version of the original color is **35.8157, -7.5100, -6.4352**, and **6.7061, -1.5378, -5.0622** is the 20% darker color. If you saturate the color by 10%, you get **18.4721, -5.5042, -7.3123**, and if you desaturate by 10%, it is **19.9177, -5.1909, -5.0661**.

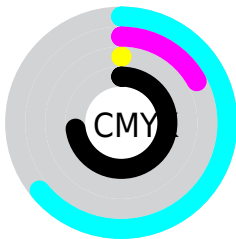
Distribution



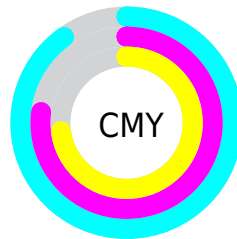
- Red (10%)
- Green (23%)
- Blue (27%)



- Red (10%)
- Yellow (17%)
- Blue (27%)



- Cyan (64%)
- Magenta (17%)
- Yellow (0%)
- Black (73%)



- Cyan (90%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1702, -5.4329, -6.2034 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 19.1702, -5.4329, -6.2034 by changing the saturation by 10% instead.

■ 19.1702, -5.4329,
-6.2034

■ 19.1702, -5.4329,
-6.2034

■ 116.6827,
-14.5566, -5.4766

■ 12.2210, -4.3837,
-5.9201

■ 35.8749, -7.4392,
-6.5067

■ 5.3307, -6.7254,
-8.3502

■ 45.4448, -8.4308,
-6.5396

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.7407, -9.4256,
-6.5033

0.0000, NaN, NaN

■ 66.7145, -10.4280,
-6.4044

0.0000, NaN, NaN

■ 78.3266, -11.4407,
-6.2481

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.5439, -12.4656,

-6.0389

0.0000, NaN, NaN

103.3375,
-13.5039, -5.7807

19.1702, -5.4329,
-6.2034

19.1702, -5.4329,
-6.2034

18.4721, -5.5042,
-7.3123

19.9177, -5.1909,
-5.0661

17.8232, -5.4000,
-8.3874

20.7123, -4.7864,
-3.9078

17.2045, -5.1913,
-9.4582

21.5523, -4.2295,
-2.7339

16.8497, -5.0796,
-10.0953

22.4358, -3.5315,
-1.5496

23.3604, -2.7042,
-0.3593

■ 24.3240, -1.7588,
0.8336

■ 25.3243, -0.7063,
2.0263

■ 26.3592, 0.4430,
3.2167

■ 27.4266, 1.6798,
4.4034

Harmonies

Analogous

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



19.1706, -7.7452, -2.3697



19.1702, -5.4329, -6.2034



19.1706, -1.7822, -8.1307

Triad

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



19.1706, -5.4329, -6.2031



19.1706, 7.5630, 0.3021



19.1706, -4.2145, 6.7359

Complementary

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



19.1702, -5.4329, -6.2034



16.4180, 7.8306, 6.9321

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.



19.1706, -0.2536, 7.1556



19.1702, -5.4329, -6.2034



19.1706, 6.7735, 3.9255

Square

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



19.1706, -5.4329, -6.2031



19.1706, 5.8979, -3.8978



19.1706, 3.8235, 6.2421



19.1706, -7.0846, 4.9422

Rectangle

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



19.1702, -5.4329, -6.2034



19.1706, 1.0096, -7.8339



19.1706, 3.8235, 6.2421



19.1706, -2.9761, 7.0238

Sweetspot

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



19.1706, -5.4329, -6.2031



30.1328, -4.1870, -1.3382



21.7163, -14.0563, 8.5233



15.1451, -2.1899, -0.7844



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



19.1706, -5.4329, -6.2031



23.8505, -7.2067, -10.4860



13.8778, 3.3031, -16.1462



12.7358, -1.1628, 0.1686



23.8021, -6.7693, -15.1377



57.4217, -14.7756, -39.8759

Inverse Universe

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



15.1755, 16.2255, -6.0049



18.1272, 26.0298, -8.9632



21.1534, -1.1345, 10.4367



12.3677, 0.5368, 0.1011



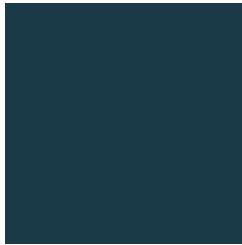
17.7713, 33.1354, -9.4586



43.6941, 81.1646, -20.8897

Previews

White Background



This preview shows how the HunterLab color 19.1702, -5.4329, -6.2034 looks on a white background.

Color Contrast Check

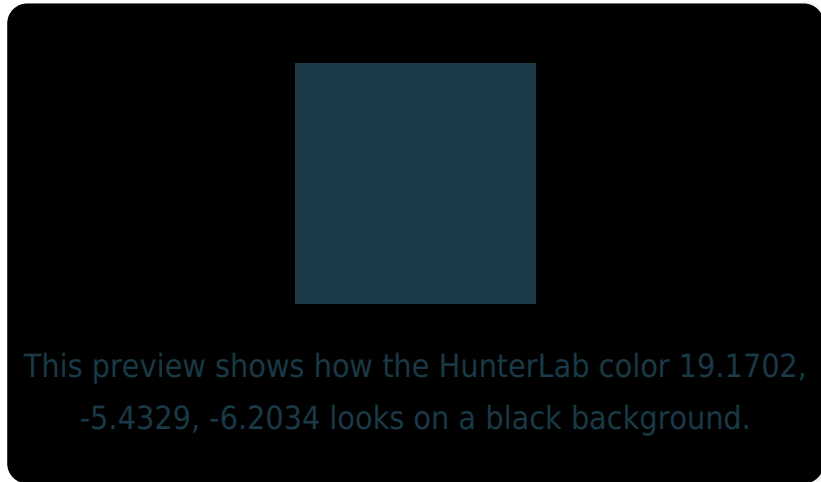
Large Text (above 18pt) WCAG AA ✓ Pass

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

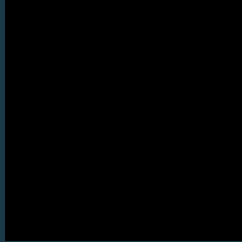
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

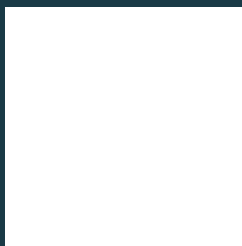
Any Text WCAG AAA × Fail

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

HunterLab 19.1702, -5.4329, -6.2034 Background



This preview shows how black text looks on a background with the HunterLab color 19.1702, -5.4329, -6.2034.



This preview shows how white text looks on a background with the HunterLab color 19.1702, -5.4329, -6.2034.

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

19.1702, -5.4329, -6.2034

Protanopia

19.1187, 0.6337, -4.6757

Deuteranopia

19.1814, 1.1048, -6.5875



Tritanopia

19.1538, -7.2362, -3.3388

Trichromacy



Original Color

19.1702, -5.4329, -6.2034

Protanomaly

19.0840, -1.9281, -5.2649

Deuteranomaly

19.1278, -1.5773, -6.7191

Tritanomaly

19.2443, -6.7724, -4.1401

Monochromacy



Original Color

19.1702, -5.4329, -6.2034

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.2017, -3.1577, -1.4484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1702, -5.4329, -6.2034 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(25, 58, 70)` looks like.

```
.text, #text, p{  
    color:rgb(25, 58, 70)  
}
```

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(25, 58, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 58, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1702, -5.4329, -6.2034 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(25, 58, 70) }
```


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

```
.border{ border-color:rgb(25, 58, 70) }
```

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

Here you see how a box with a 4 pixel rgb(25, 58, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 58, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 58, 70);  
box-shadow:4px 4px 4px 4px rgb(25, 58, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1702, -5.4329, -6.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 58, 70) }
```

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

```
.background{ background-color: rgb(25, 58,  
70) }
```

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