

Converting Colors

HunterLab(19.8525, -5.0681,
-9.3818)

Have a look what the booklet for
HunterLab(19.8525, -5.0681,
-9.3818) contains.

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Color

**HunterLab(19.8525, -5.0681,
-9.3818)**

Conversions

Conversions Part 1

Format	Color
Hex	153C4E
RGB	21, 60, 78
RGB Percent	8%, 24%, 31%
CMY	0.9176, 0.7647, 0.6941
CMYK	0.73, 0.23, 0.00, 0.69
HSL	199°, 58%, 19%
HSV	199°, 73%, 31%
XYZ	3.3003, 3.9412, 7.7945
YIQ	50.3910, -29.0220, -2.6700

Conversions

Conversions Part 2

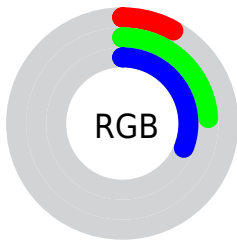
Format	Color
R_{YB}	21, 44, 78
Decimal	1391694
CIE _{Lab}	23.48, -7.04, -14.98
CIE _{LCh}	23, 16.551, 244.843
Yxy	3.9414, 0.2195, 0.2621
Android (android.graphics.Color)	4279581774 (0xFF153C4E)
YUV	50.3910, 13.6112, -25.7759
Hunter-Lab	19.8525, -5.0681, -9.3818

Details

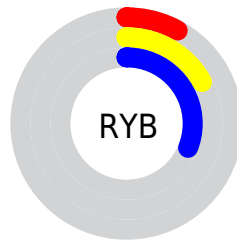
The HunterLab color **19.8525, -5.0681, -9.3818** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.6779, 9.4824, 8.6790**, and the grayscale version is **17.9538, -0.9580, 0.9755**.

A 20% lighter version of the original color is **36.6407, -6.8262, -10.0319**, and **7.4034, -0.7792, -7.5715** is the 20% darker color. If you saturate the color by 10%, you get **19.0182, -4.8052, -10.8359**, and if you desaturate by 10%, it is **20.7470, -5.1250, -7.9037**.

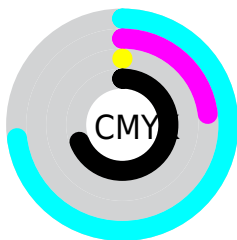
Distribution



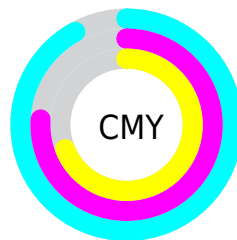
- Red (8%)
- Green (24%)
- Blue (31%)



- Red (8%)
- Yellow (17%)
- Blue (31%)



- Cyan (73%)
- Magenta (23%)
- Yellow (0%)
- Black (69%)



- Cyan (92%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8525, -5.0681, -9.3818 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 19.8525, -5.0681, -9.3818 by changing the saturation by 10% instead.

■ 19.8525, -5.0681,
-9.3818

■ 19.8525, -5.0681,
-9.3818

■ 117.9234,
-13.7700, -9.9589

■ 12.8094, -4.0982,
-8.9829

■ 36.7141, -6.9498,
-9.9805

■ 6.2039, -5.2731,
-10.5528

■ 46.3523, -7.8892,
-10.1664

0.0000, NaN, -NF

■ 56.7116, -8.8363,
-10.2814

0.0000, NaN, NaN

■ 67.7450, -9.7944,
-10.3305

0.0000, NaN, NaN

■ 79.4135, -10.7656,
-10.3188

0.0000, NaN, NaN

■ 91.6843, -11.7514,

0.0000, NaN, NaN

0.0000, NaN, NaN

-10.2504

0.0000, NaN, NaN

■ 104.5291,
-12.7527, -10.1294

■ 19.8525, -5.0681,
-9.3818

■ 19.8525, -5.0681,
-9.3818

■ 19.0182, -4.8052,
-10.8359

■ 20.7470, -5.1250,
-7.9037

■ 18.2329, -4.3730,
-12.2799

■ 21.6987, -4.9846,
-6.4113

■ 17.6918, -4.0710,
-13.3251

■ 22.7056, -4.6588,
-4.9119

■ 23.7647, -4.1612,
-3.4118

■ 24.8730, -3.5064,
-1.9161

■ 26.0276, -2.7086,
-0.4285

■ 27.2255, -1.7816,
1.0483

■ 28.4639, -0.7380,
2.5126

■ 29.7403, 0.4104,
3.9635

Harmonies

Analogous

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



19.8529, -8.5000, -5.0376



19.8525, -5.0681, -9.3818



19.8529, -0.2237, -10.6752

Triad

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



19.8529, -5.0680, -9.3814



19.8529, 9.7129, 1.8539



19.8529, -6.3694, 7.3245

Complementary

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



19.8525, -5.0681, -9.3818



17.6779, 9.4824, 8.6790

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.



19.8529, -1.8834, 8.3218



19.8525, -5.0681, -9.3818



19.8529, 7.6671, 5.7146

Square

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



19.8529, -5.0680, -9.3814



19.8529, 8.6421, -3.3188



19.8529, 3.2928, 7.8174



19.8529, -9.1963, 4.6584

Rectangle

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



19.8525, -5.0681, -9.3818



19.8529, 3.2400, -9.4136



19.8529, 3.2928, 7.8174



19.8529, -5.0232, 7.8305

Sweetspot

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



19.8529, -5.0680, -9.3814



32.8855, -4.6059, -2.4802



23.9769, -16.7574, 9.9252



16.3225, -2.3582, -1.3600



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.



19.8529, -5.0680, -9.3814



24.2708, -5.8556, -15.8545



13.2830, 6.4790, -23.8744



13.4710, -1.1730, 0.1160



23.0505, -4.9083, -18.2155



54.5963, -9.6419, -47.4266

Inverse Universe

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



15.7557, 20.3023, -6.0235



18.9297, 31.3555, -7.8875



23.7506, -2.0253, 12.8281



13.1117, 0.5711, 0.1592



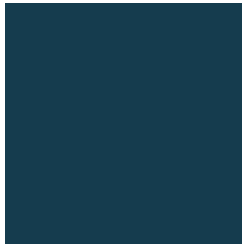
18.0674, 33.3737, -7.1830



43.7899, 80.5524, -14.8110

Previews

White Background



This preview shows how the HunterLab color 19.8525, -5.0681, -9.3818 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

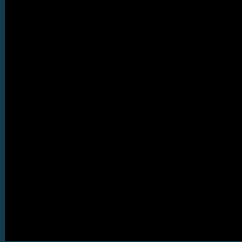
Any Text WCAG AA × Fail

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 19.8525, -5.0681, -9.3818 Background



This preview shows how black text looks on a background with the HunterLab color 19.8525, -5.0681, -9.3818.



This preview shows how white text looks on a background with the HunterLab color 19.8525, -5.0681, -9.3818.

-9.3818.

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

19.8525, -5.0681, -9.3818

Protanopia

19.8257, 1.0258, -7.1400

Deuteranopia

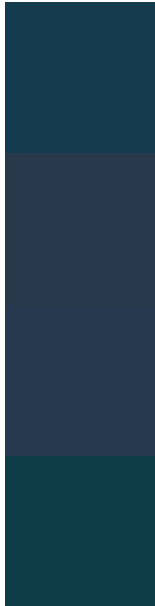
19.8123, 1.3343, -9.9050



Tritanopia

19.8031, -8.7523, -3.8492

Trichromacy



Original Color

19.8525, -5.0681, -9.3818

Protanomaly

19.7113, -1.8201, -7.9083

Deuteranomaly

19.7556, -1.3785, -10.0509

Tritanomaly

19.7332, -7.3682, -5.8806

Monochromacy



Original Color

19.8525, -5.0681, -9.3818

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.4280, -3.4662, -2.4596

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8525, -5.0681, -9.3818 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(21, 60, 78)` looks like.

```
.text, #text, p{  
    color:rgb(21, 60, 78)  
}
```

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(21, 60, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 60, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8525, -5.0681, -9.3818 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(21, 60, 78) }
```


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

```
.border{ border-color:rgb(21, 60, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 60, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 60, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 60, 78);  
box-shadow:4px 4px 4px 4px rgb(21, 60, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8525, -5.0681, -9.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 60, 78) }
```

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

```
.background{ background-color: rgb(21, 60,  
78) }
```

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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