

Converting Colors

HunterLab(19.8780, -5.0395,
-8.2895)

Have a look what the booklet for
HunterLab(19.8780, -5.0395,
-8.2895) contains.

HunterLab(19.9002, -5.0345, -8.1970)	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(19.9002, -5.0345,
-8.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	193C4C
RGB	25, 60, 76
RGB Percent	10%, 24%, 30%
CMY	0.9020, 0.7647, 0.7020
CMYK	0.67, 0.21, 0.00, 0.70
HSL	199°, 50%, 20%
HSV	199°, 67%, 30%
XYZ	3.3213, 3.9602, 7.4268
YIQ	51.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

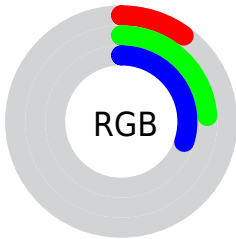
Format	Color
R_YB	25, 46, 76
Decimal	1653836
CIE Lab	23.54, -6.96, -13.54
CIE LCh	24, 15.230, 242.793
Yxy	3.9603, 0.2258, 0.2693
Android (android.graphics.Color)	4279843916 (0xFF193C4C)
YUV	51.3590, 12.1480, -23.1168
Hunter-Lab	19.9002, -5.0345, -8.1970

Details

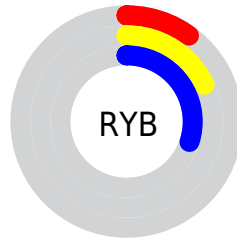
The HunterLab color **19.9002, -5.0345, -8.1970** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.8682, 8.1807, 8.1013**, and the grayscale version is **18.2825, -0.9755, 0.9933**.

A 20% lighter version of the original color is **36.6768, -6.8366, -8.8840**, and **7.3273, -1.2023, -6.5632** is the 20% darker color. If you saturate the color by 10%, you get **19.0586, -4.9110, -9.6132**, and if you desaturate by 10%, it is **20.7988, -4.9638, -6.7621**.

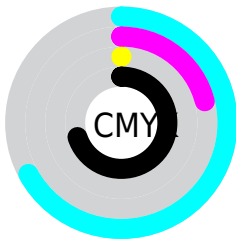
Distribution



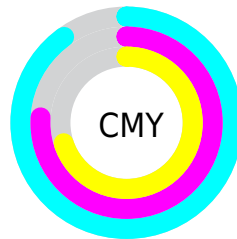
- Red (10%)
- Green (24%)
- Blue (30%)



- Red (10%)
- Yellow (18%)
- Blue (30%)



- Cyan (67%)
- Magenta (21%)
- Yellow (0%)
- Black (70%)



- Cyan (90%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9002, -5.0345, -8.1970 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 19.9002, -5.0345, -8.1970 by changing the saturation by 10% instead.

■ 19.9002, -5.0345,
-8.1970

■ 19.9002, -5.0345,
-8.1970

■ 118.0098,
-13.7005, -8.2945

■ 12.8507, -4.0713,
-7.8356

■ 36.7726, -6.9058,
-8.6896

■ 6.2600, -5.1813,
-9.2025

■ 46.4156, -7.8408,
-8.8193

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.7793, -8.7838,
-8.8784

0.0000, NaN, NaN

■ 67.8168, -9.7381,
-8.8727

0.0000, NaN, NaN

■ 79.4893, -10.7057,
-8.8073

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.7638, -11.6882,

-8.6867

0.0000, NaN, NaN

104.6121,
-12.6862, -8.5147

19.9002, -5.0345,
-8.1970

19.9002, -5.0345,
-8.1970

19.0586, -4.9110,
-9.6132

20.7988, -4.9638,
-6.7621

18.2744, -4.5870,
-11.0035

21.7513, -4.7091,
-5.3172

17.5168, -4.1775,
-12.4227

22.7553, -4.2833,
-3.8688

17.2969, -4.0622,
-12.8504

23.8080, -3.6999,
-2.4221

24.9066, -2.9728,
-0.9814

■ 26.0481, -2.1154,
0.4503

■ 27.2300, -1.1405,
1.8711

■ 28.4495, -0.0596,
3.2797

■ 29.7043, 1.1168,
4.6755

Harmonies

Analogous

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



19.9006, -8.1145, -4.1671



19.9002, -5.0345, -8.1970



19.9006, -0.6200, -9.5786

Triad

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



19.9006, -5.0345, -8.1966



19.9006, 8.8086, 1.4982



19.9006, -5.7317, 7.0471

Complementary

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



19.9002, -5.0345, -8.1970



17.8682, 8.1807, 8.1013

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.



19.9006, -1.5020, 7.9070



19.9002, -5.0345, -8.1970



19.9006, 7.1319, 5.2051

Square

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



19.9006, -5.0345, -8.1966



19.9006, 7.6437, -3.2693



19.9006, 3.2468, 7.3202



19.9006, -8.4900, 4.6315

Rectangle

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



19.9002, -5.0345, -8.1970



19.9006, 2.5664, -8.6018



19.9006, 3.2468, 7.3202



19.9006, -4.4494, 7.4985

Sweetspot

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



19.9006, -5.0345, -8.1966



32.3442, -4.2969, -1.9908



23.5178, -15.5508, 9.0902



16.4667, -2.2792, -1.1701



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.



19.9006, -5.0345, -8.1966



24.4300, -6.2128, -13.9781



13.9374, 5.2262, -20.4075



13.4728, -1.1759, 0.1182



23.1076, -4.9940, -18.1020



54.7435, -9.8681, -47.1222

Inverse Universe

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



15.9942, 18.2567, -5.6725



19.0712, 29.0361, -7.9790



23.4092, -2.1339, 12.0575



13.1119, 0.5722, 0.1565



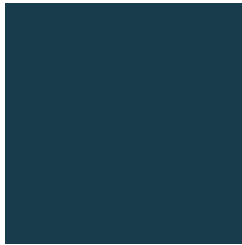
18.0748, 33.4000, -7.2846



43.8085, 80.6189, -15.0683

Previews

White Background



This preview shows how the HunterLab color 19.9002, -5.0345, -8.1970 looks on a white background.

Color Contrast Check

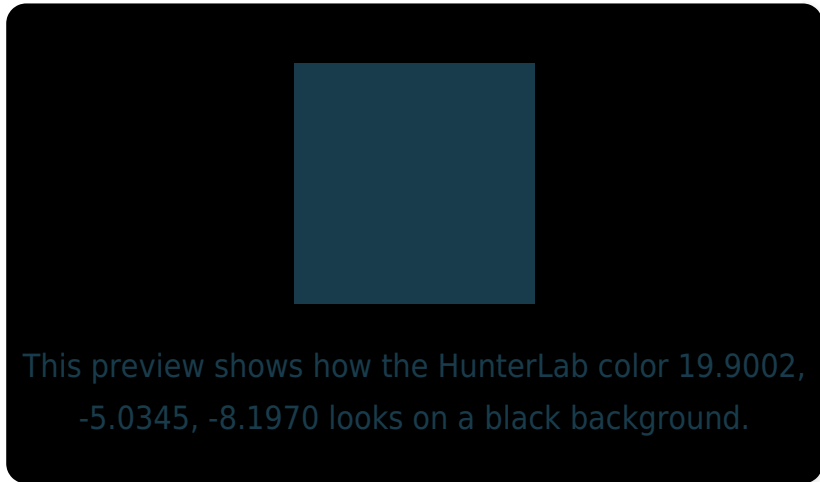
Large Text (above 18pt) WCAG AA ✓ Pass

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

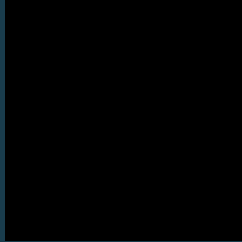
Any Text WCAG AA × Fail

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 19.9002, -5.0345, -8.1970 Background



This preview shows how black text looks on a background with the HunterLab color 19.9002, -5.0345, -8.1970.



This preview shows how white text looks on a background with the HunterLab color 19.9002, -5.0345, -8.1970.

-8.1970.

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

19.9002, -5.0345, -8.1970

Protanopia

19.7920, 0.8443, -6.6721

Deuteranopia

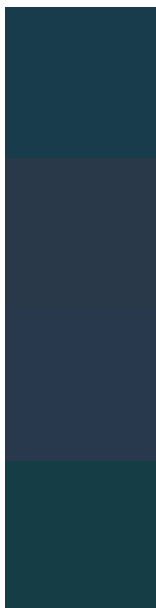
19.8019, 1.1546, -8.8004



Tritanopia

19.9723, -8.1011, -3.5988

Trichromacy



Original Color

19.9002, -5.0345, -8.1970

Protanomaly

19.7811, -1.6440, -7.2580

Deuteranomaly

19.7818, -1.4321, -8.8795

Tritanomaly

19.8472, -7.0005, -5.2024

Monochromacy



Original Color

19.9002, -5.0345, -8.1970

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.5925, -2.8746, -2.2262

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9002, -5.0345, -8.1970 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, 60, 76)` looks like.

```
.text, #text, p{  
    color:rgb(25, 60, 76)  
}
```

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, 60, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 60, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9002, -5.0345, -8.1970 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, 60, 76) }
```


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

```
.border{ border-color:rgb(25, 60, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 60, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 60, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 60, 76);  
box-shadow:4px 4px 4px 4px rgb(25, 60, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9002, -5.0345, -8.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 60, 76) }
```

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

```
.background{ background-color: rgb(25, 60,  
76) }
```

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