

Converting Colors

HunterLab(19.9897, -4.1449,
-5.6006)

Have a look what the booklet for
HunterLab(19.9897, -4.1449,
-5.6006) contains.

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Color

**HunterLab(19.8945, -4.0508,
-5.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	243B47
RGB	36, 59, 71
RGB Percent	14%, 23%, 28%
CMY	0.8588, 0.7686, 0.7216
CMYK	0.49, 0.17, 0.00, 0.72
HSL	201°, 33%, 21%
HSV	201°, 49%, 28%
XYZ	3.4288, 3.9579, 6.5444
YIQ	53.4910, -17.5600, -1.1440

Conversions

Conversions Part 2

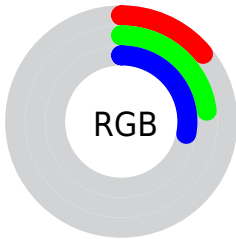
Format	Color
RYB	36, 50, 71
Decimal	2374471
CIELab	23.53, -5.18, -10.18
CIELCh	24, 11.428, 243.019
Yxy	3.9581, 0.2461, 0.2841
Android (android.graphics.Color)	4280564551 (0xFF243B47)
YUV	53.4910, 8.6319, -15.3396
Hunter-Lab	19.8945, -4.0508, -5.5777

Details

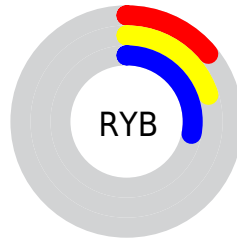
The HunterLab color **19.8945, -4.0508, -5.5777** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.9233, 4.3699, 6.5072**, and the grayscale version is **19.0106, -1.0144, 1.0329**.

A 20% lighter version of the original color is **36.7137, -5.6573, -5.6612**, and **6.9623, -1.6712, -5.0947** is the 20% darker color. If you saturate the color by 10%, you get **18.9692, -4.1847, -7.0170**, and if you desaturate by 10%, it is **20.8683, -3.7598, -4.1437**.

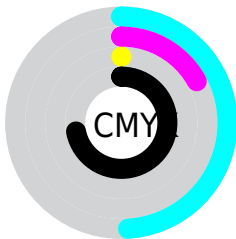
Distribution



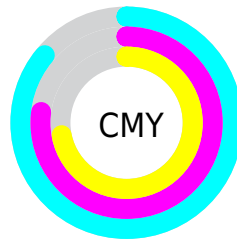
- Red (14%)
- Green (23%)
- Blue (28%)



- Red (14%)
- Yellow (20%)
- Blue (28%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (72%)



- Cyan (86%)
- Magenta (77%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8945, -4.0508, -5.5777 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 19.8945, -4.0508, -5.5777 by changing the saturation by 10% instead.

■ 19.8945, -4.0508,
-5.5777

■ 19.8945, -4.0508,
-5.5777

■ 117.9995,
-11.8281, -4.4808

■ 12.8457, -3.2422,
-5.3384

■ 36.7656, -5.6688,
-5.7879

■ 6.2534, -3.9469,
-6.5110

■ 46.4080, -6.4947,
-5.7762

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.7712, -7.3367,
-5.6972

0.0000, NaN, NaN

■ 67.8083, -8.1965,
-5.5573

0.0000, NaN, NaN

■ 79.4802, -9.0752,
-5.3617

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.7543, -9.9732,

-5.1148

0.0000, NaN, NaN

104.6022,
-10.8908, -4.8201

19.8945, -4.0508,
-5.5777

19.8945, -4.0508,
-5.5777

18.9692, -4.1847,
-7.0170

20.8683, -3.7598,
-4.1437

18.0941, -4.1489,
-8.4568

21.8867, -3.3243,
-2.7206

17.2718, -3.9332,
-9.8897

22.9471, -2.7577,
-1.3110

16.5008, -3.5429,
-11.3140

24.0468, -2.0724,
0.0831

15.7405, -3.1266,
-12.8099

25.1832, -1.2802,
1.4605

■ 15.6868, -3.0980,
-12.9195

■ 26.3539, -0.3916,
2.8209

■ 27.5566, 0.5836,
4.1644

■ 28.7893, 1.6369,
5.4915

■ 30.0499, 2.7606,
6.8030

Harmonies

Analogous

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



19.8949, -6.4428, -2.7689



19.8945, -4.0508, -5.5777



19.8949, -0.7036, -6.5089

Triad

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



19.8949, -4.0509, -5.5773



19.8949, 6.1836, 1.4202



19.8949, -4.6297, 5.7740

Complementary

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



19.8945, -4.0508, -5.5777



18.9233, 4.3699, 6.5072

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.



19.8949, -1.4191, 6.5144



19.8945, -4.0508, -5.5777



19.8949, 4.9580, 4.2915

Square

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



19.8949, -4.0509, -5.5773



19.8949, 5.3584, -2.0767



19.8949, 2.1132, 6.0227



19.8949, -6.7602, 3.7966

Rectangle

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



19.8945, -4.0508, -5.5777



19.8949, 1.6633, -5.8277



19.8949, 2.1132, 6.0227



19.8949, -3.6492, 6.1585

Sweetspot

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



19.8949, -4.0509, -5.5773



30.3634, -3.2723, -1.0294



22.5660, -11.7457, 6.4466



15.2786, -1.6944, -0.6055



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.



19.8949, -4.0509, -5.5773



24.4334, -5.4503, -9.4984



15.7297, 2.9654, -12.7253



12.6735, -1.0615, 0.0943



21.7506, -3.7234, -19.1485



52.0413, -6.5989, -50.8021

Inverse Universe

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



17.0798, 12.1115, -3.6272



20.2789, 19.8390, -5.7038



22.9495, -2.6959, 9.7819



12.3612, 0.5020, 0.1930



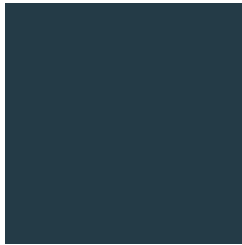
17.5038, 32.1797, -5.7734



43.0084, 78.7089, -11.4001

Previews

White Background



This preview shows how the HunterLab color 19.8945, -4.0508, -5.5777 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

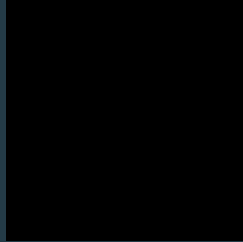
Any Text WCAG AA × Fail

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 19.8945, -4.0508, -5.5777 Background



This preview shows how black text looks on a background with the HunterLab color 19.8945, -4.0508, -5.5777.



This preview shows how white text looks on a background with the HunterLab color 19.8945, -4.0508, -5.5777.

-5.5777.

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

19.8945, -4.0508, -5.5777

Protanopia

19.7652, 0.4313, -4.2183

Deuteranopia

19.8926, 1.1175, -5.9959



Tritanopia

19.8833, -5.8017, -2.7621

Trichromacy



Original Color

19.8945, -4.0508, -5.5777

Protanomaly

19.6529, -1.1442, -4.8956

Deuteranomaly

19.7498, -0.6139, -6.2462

Tritanomaly

19.9857, -5.3040, -3.5311

Monochromacy



Original Color

19.8945, -4.0508, -5.5777

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.1389, -2.2108, -1.4888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8945, -4.0508, -5.5777 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(36, 59, 71)` looks like.

```
.text, #text, p{  
    color:rgb(36, 59, 71)  
}
```

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(36, 59, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 59, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8945, -4.0508, -5.5777 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(36, 59, 71) }
```


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

```
.border{ border-color:rgb(36, 59, 71) }
```

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

Here you see how a box with a 4 pixel rgb(36, 59, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 59, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 59, 71);  
box-shadow:4px 4px 4px 4px rgb(36, 59, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8945, -4.0508, -5.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 59, 71) }
```

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

```
.background{ background-color: rgb(36, 59,  
71) }
```

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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