

Converting Colors

HunterLab(19.8556, -3.9509,
-7.1803)

Have a look what the booklet for
HunterLab(19.8556, -3.9509,
-7.1803) contains.

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Color

**HunterLab(19.8637, -3.9640,
-7.1669)**

Conversions

Conversions Part 1

Format	Color
Hex	213B4A
RGB	33, 59, 74
RGB Percent	13%, 23%, 29%
CMY	0.8706, 0.7686, 0.7098
CMYK	0.55, 0.20, 0.00, 0.71
HSL	202°, 38%, 21%
HSV	202°, 55%, 29%
XYZ	3.4272, 3.9457, 7.0595
YIQ	52.9360, -20.3110, -0.8470

Conversions

Conversions Part 2

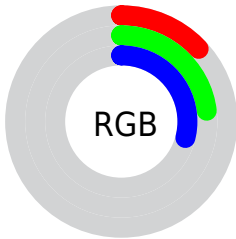
Format	Color
R_{YB}	33, 49, 74
Decimal	2177866
CIE Lab	23.49, -5.04, -12.26
CIE LCh	23, 13.252, 247.669
Yxy	3.9458, 0.2375, 0.2734
Android (android.graphics.Color)	4280367946 (0xFF213B4A)
YUV	52.9360, 10.3846, -17.4839
Hunter-Lab	19.8637, -3.9640, -7.1669

Details

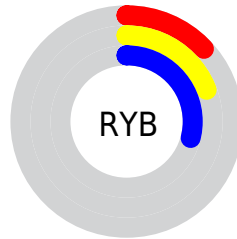
The HunterLab color **19.8637, -3.9640, -7.1669** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.1824, 5.1002, 7.4618**, and the grayscale version is **18.8180, -1.0041, 1.0224**.

A 20% lighter version of the original color is **36.7253, -5.3488, -7.7161**, and **7.0330, -1.2727, -6.0434** is the 20% darker color. If you saturate the color by 10%, you get **18.8831, -3.9269, -8.7749**, and if you desaturate by 10%, it is **20.8979, -3.8265, -5.5704**.

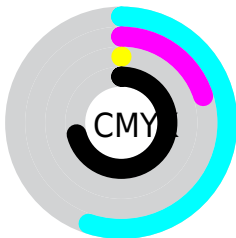
Distribution



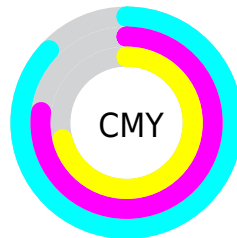
- Red (13%)
- Green (23%)
- Blue (29%)



- Red (13%)
- Yellow (19%)
- Blue (29%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (71%)



- Cyan (87%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8637, -3.9640, -7.1669 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 19.8637, -3.9640, -7.1669 by changing the saturation by 10% instead.

■ 19.8637, -3.9640,
-7.1669

■ 19.8637, -3.9640,
-7.1669

■ 117.9437,
-11.6663, -6.8228

■ 12.8191, -3.1681,
-6.8463

■ 36.7278, -5.5608,
-7.5580

■ 6.2171, -3.8612,
-8.1703

■ 46.3672, -6.3774,
-7.6357

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.7275, -7.2109,
-7.6436

0.0000, NaN, NaN

■ 67.7619, -8.0628,
-7.5879

0.0000, NaN, NaN

■ 79.4313, -8.9339,
-7.4739

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.7030, -9.8248,

-7.3059

0.0000, NaN, NaN

104.5487,
-10.7356, -7.0878

19.8637, -3.9640,
-7.1669

19.8637, -3.9640,
-7.1669

18.8831, -3.9269,
-8.7749

20.8979, -3.8265,
-5.5704

17.9582, -3.7021,
-10.3885

21.9814, -3.5286,
-3.9916

17.0919, -3.2798,
-11.9991

23.1112, -3.0850,
-2.4333

16.2615, -2.7431,
-13.6490

24.2842, -2.5097,
-0.8977

15.8797, -2.5016,
-14.4480

25.4973, -1.8161,
0.6145

■ 26.7477, -1.0161,
2.1032

■ 28.0329, -0.1207,
3.5692

■ 29.3504, 0.8604,
5.0134

■ 30.6983, 1.9185,
6.4371

Harmonies

Analogous

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



19.8641, -6.9153, -4.0602



19.8637, -3.9640, -7.1669



19.8641, 0.0004, -7.8627

Triad

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



19.8641, -3.9641, -7.1665



19.8641, 7.3571, 2.0547



19.8641, -5.6458, 6.1419

Complementary

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



19.8637, -3.9640, -7.1669



19.1824, 5.1002, 7.4618

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.



19.8641, -2.1005, 7.1625



19.8637, -3.9640, -7.1669



19.8641, 5.5613, 5.1343

Square

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



19.8641, -3.9641, -7.1665



19.8641, 6.7568, -1.9793



19.8641, 2.0191, 6.8352



19.8641, -7.8300, 3.7210

Rectangle

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



19.8637, -3.9640, -7.1669



19.8641, 2.7278, -6.7588



19.8641, 2.0191, 6.8352



19.8641, -4.5855, 6.6352

Sweetspot

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



19.8641, -3.9641, -7.1665



31.6952, -3.4983, -1.6405



23.3003, -13.2252, 7.1879



15.8535, -1.7880, -0.9033



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



19.8641, -3.9641, -7.1665



24.5256, -5.1160, -12.2578



15.0956, 4.2533, -16.0693



13.4267, -1.1008, 0.0631



21.6880, -2.8065, -21.0497



51.0889, -4.0822, -55.0445

Inverse Universe

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



16.9099, 14.2932, -3.8381



20.2691, 23.3639, -5.7961



23.8366, -3.0984, 11.0546



13.1072, 0.5465, 0.2244



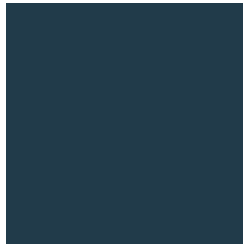
17.8963, 32.7601, -4.8084



43.3605, 79.0092, -8.8257

Previews

White Background



This preview shows how the HunterLab color 19.8637, -3.9640, -7.1669 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

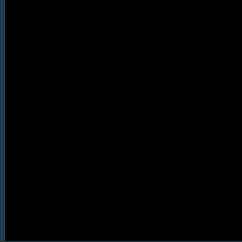
Any Text WCAG AA × Fail

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 19.8637, -3.9640, -7.1669 Background



This preview shows how black text looks on a background with the HunterLab color 19.8637, -3.9640, -7.1669.



This preview shows how white text looks on a background with the HunterLab color 19.8637, -3.9640, -7.1669.

-7.1669.

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

19.8637, -3.9640, -7.1669

Protanopia

19.7924, 0.7137, -5.6490

Deuteranopia

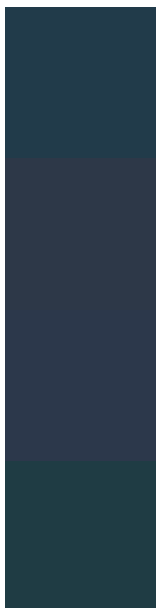
19.8600, 1.2096, -7.6139



Tritanopia

19.9879, -6.7739, -2.6367

Trichromacy



Original Color

19.8637, -3.9640, -7.1669

Protanomaly

19.6319, -1.0227, -6.4366

Deuteranomaly

19.6769, -0.6624, -7.9443

Tritanomaly

19.8504, -5.7442, -4.2034

Monochromacy



Original Color

19.8637, -3.9640, -7.1669

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.1053, -2.2737, -1.9680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8637, -3.9640, -7.1669 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(33, 59, 74)` looks like.

```
.text, #text, p{  
    color:rgb(33, 59, 74)  
}
```

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(33, 59, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 59, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8637, -3.9640, -7.1669 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(33, 59, 74) }
```


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

```
.border{ border-color:rgb(33, 59, 74) }
```

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

Here you see how a box with a 4 pixel rgb(33, 59, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 59, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 59, 74);  
box-shadow:4px 4px 4px 4px rgb(33, 59, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8637, -3.9640, -7.1669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 59, 74) }
```

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

```
.background{ background-color: rgb(33, 59,  
74) }
```

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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