

Converting Colors

HunterLab(18.7374, -11.4524,
-10.2624)

Have a look what the booklet for
HunterLab(18.7374, -11.4524,
-10.2624) contains.

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Color

**HunterLab(19.6451, -7.3632,
-8.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	003D4C
RGB	0, 61, 76
RGB Percent	0%, 24%, 30%
CMY	1.0000, 0.7608, 0.7020
CMYK	1.00, 0.20, 0.00, 0.70
HSL	192°, 100%, 15%
HSV	192°, 100%, 30%
XYZ	2.9733, 3.8593, 7.4257
YIQ	44.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

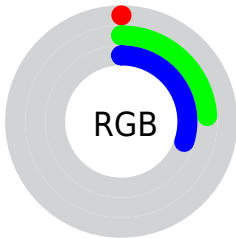
Format	Color
RYB	0, 34, 76
Decimal	15692
CIELab	23.20, -11.42, -14.12
CIELCh	23, 18.167, 231.033
Yxy	3.8594, 0.2085, 0.2707
Android (android.graphics.Color)	4278205772 (0xFF003D4C)
YUV	44.4710, 15.5438, -39.0011
Hunter-Lab	19.6451, -7.3632, -8.6596

Details

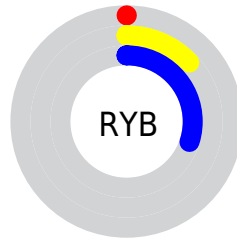
The HunterLab color **19.6451, -7.3632, -8.6596** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.7052, 17.0613, 8.7431**, and the grayscale version is **15.9861, -0.8530, 0.8686**.

A 20% lighter version of the original color is **36.6197, -10.0039, -9.0235**, and **7.5500, -1.5431, -6.1058** is the 20% darker color. If you saturate the color by 10%, you get **19.6450, -7.3630, -8.6599**, and if you desaturate by 10%, it is **20.1764, -7.4433, -7.7904**.

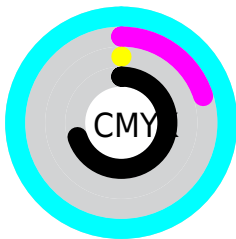
Distribution



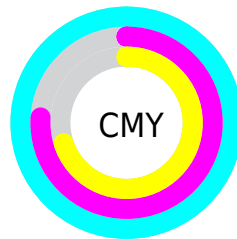
- Red (0%)
- Green (24%)
- Blue (30%)



- Red (0%)
- Yellow (13%)
- Blue (30%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6451, -7.3632, -8.6596 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 19.6451, -7.3632, -8.6596 by changing the saturation by 10% instead.

■ 19.6451, -7.3632,
-8.6596

■ 19.6451, -7.3632,
-8.6596

■ 117.5473,
-18.3018, -8.9712

■ 12.6303, -5.9959,
-8.2803

■ 36.4593, -9.8890,
-9.2012

■ 5.9531, -8.6804,
-10.1142

■ 46.0769, -11.1038,
-9.3562

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.4171, -12.3048,
-9.4402

0.0000, NaN, NaN

■ 67.4325, -13.4998,
-9.4589

0.0000, NaN, NaN

■ 79.0839, -14.6938,
-9.4171

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.3385, -15.8905,

-9.3195

0.0000, NaN, NaN

104.1679,
-17.0925, -9.1697

19.6451, -7.3632,
-8.6596

19.6451, -7.3632,
-8.6596

19.6450, -7.3630,
-8.6599

20.1764, -7.4433,
-7.7904

20.7172, -7.4917,
-6.9336

21.3074, -7.3588,
-6.0255

21.9509, -7.0328,
-5.0655

22.6476, -6.5175,
-4.0591

■ 23.3966, -5.8203,
-3.0122

■ 24.1967, -4.9513,
-1.9311

■ 25.0460, -3.9221,
-0.8216

■ 25.9426, -2.7453,
0.3109

Harmonies

Analogous

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



19.6454, -10.1101, -2.9665



19.6451, -7.3632, -8.6596



19.6454, -2.6970, -11.9515

Triad

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



19.6454, -7.3631, -8.6593



19.6454, 10.7373, -0.5923



19.6454, -4.7607, 8.4201

Complementary

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



19.6451, -7.3632, -8.6596



13.7052, 17.0613, 8.7431

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.



19.6454, 0.6546, 8.7263



19.6451, -7.3632, -8.6596



19.6454, 10.0254, 4.3970

Square

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



19.6454, -7.3631, -8.6593



19.6454, 8.0274, -6.5101



19.6454, 6.1787, 7.4747



19.6454, -8.7285, 6.4747

Rectangle

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



19.6451, -7.3632, -8.6596



19.6454, 1.0507, -11.8491



19.6454, 6.1787, 7.4747



19.6454, -3.0646, 8.6917

Sweetspot

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



19.6454, -7.3631, -8.6593



31.8197, -6.6799, -2.7158



22.8047, -19.0609, 12.6440



16.1854, -3.5668, -1.5620



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.



19.6454, -7.3631, -8.6593



25.7306, -9.4453, -11.7713



10.8537, 7.8571, -30.5256



13.5759, -1.3433, 0.2409



26.4083, -9.6767, -12.1189



63.2852, -22.1966, -31.1849

Inverse Universe

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



13.6879, 25.9000, -10.2361



18.0405, 34.0907, -13.1154



19.9669, 2.6559, 12.3495



13.1227, 0.6299, 0.0038



18.5256, 35.0030, -13.4354



44.9551, 84.7037, -30.7702

Previews

White Background



This preview shows how the HunterLab color 19.6451, -7.3632, -8.6596 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



This preview shows how the HunterLab color 19.6451, -7.3632, -8.6596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

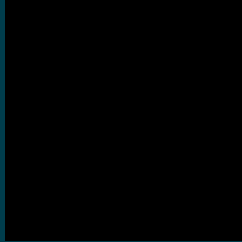
Any Text WCAG AA × Fail

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 19.6451, -7.3632, -8.6596 Background



This preview shows how black text looks on a background with the HunterLab color 19.6451, -7.3632, -8.6596.



This preview shows how white text looks on a background with the HunterLab color 19.6451, -7.3632, -8.6596.

-8.6596.

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

19.6451, -7.3632, -8.6596

Protanopia

19.8250, 0.8896, -6.1038

Deuteranopia

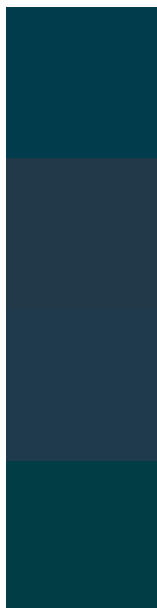
19.8019, 1.1546, -8.8004



Tritanopia

19.6227, -9.4537, -4.1189

Trichromacy



Original Color

19.6451, -7.3632, -8.6596

Protanomaly

19.3148, -3.3691, -7.5064

Deuteranomaly

19.3736, -2.8749, -9.5996

Tritanomaly

19.7166, -8.9003, -5.4308

Monochromacy



Original Color

19.6451, -7.3632, -8.6596

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.7738, -4.5241, -2.9678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6451, -7.3632, -8.6596 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(0, 61, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 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(0, 61, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6451, -7.3632, -8.6596 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(0, 61, 76) }
```


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

```
.border{ border-color:rgb(0, 61, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 76); box-shadow:4px  
4px 4px 4px rgb(0, 61, 76) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.6451, -7.3632, -8.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 76) }
```

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

```
.background{ background-color: rgb(0, 61,  
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](#).

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