

Converting Colors

HunterLab(19.5234, -11.7006,
-4.5145)

Have a look what the booklet for
HunterLab(19.5234, -11.7006,
-4.5145) contains.

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Color

**HunterLab(19.9004, -9.7947,
-3.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	003F43
RGB	0, 63, 67
RGB Percent	0%, 25%, 26%
CMY	1.0000, 0.7529, 0.7373
CMYK	1.00, 0.06, 0.00, 0.74
HSL	184°, 100%, 13%
HSV	184°, 100%, 26%
XYZ	2.7906, 3.9603, 5.9275
YIQ	44.6190, -38.8320, -12.1120

Conversions

Conversions Part 2

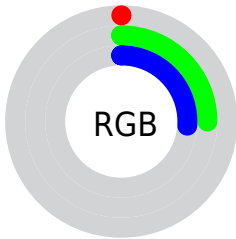
Format	Color
RYB	0, 32, 67
Decimal	16195
CIELab	23.54, -16.18, -7.63
CIELCh	24, 17.887, 205.241
Yxy	3.9604, 0.2201, 0.3124
Android (android.graphics.Color)	4278206275 (0xFF003F43)
YUV	44.6190, 11.0338, -39.1309
Hunter-Lab	19.9004, -9.7947, -3.7298

Details

The HunterLab color **19.9004, -9.7947, -3.7298** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.3148, 17.4027, 7.2761**, and the grayscale version is **16.0484, -0.8563, 0.8719**.

A 20% lighter version of the original color is **36.7920, -13.0435, -3.6952**, and **7.7607, -3.6211, -1.8833** is the 20% darker color. If you saturate the color by 10%, you get **19.9006, -9.7949, -3.7297**, and if you desaturate by 10%, it is **20.1199, -9.5095, -3.4172**.

Distribution



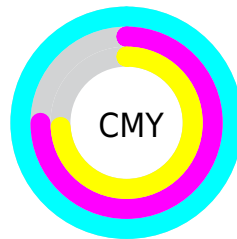
- Red (0%)
- Green (25%)
- Blue (26%)



- Red (0%)
- Yellow (13%)
- Blue (26%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9004, -9.7947, -3.7298 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 19.9004, -9.7947, -3.7298 by changing the saturation by 10% instead.

19.9004, -9.7947,
-3.7298

19.9004, -9.7947,
-3.7298

118.0102,
-23.2082, -1.6513

12.8508, -7.9863,
-3.6139

36.7729, -13.0354,
-3.6930

6.2603, -10.9555,
-4.7097

46.4158, -14.5552,
-3.5638

0.0000, NaN, NaN

0.0000, NaN, NaN

56.7796, -16.0373,
-3.3720

0.0000, NaN, NaN

67.8171, -17.4942,
-3.1237

0.0000, NaN, NaN

79.4896, -18.9343,
-2.8238

0.0000, NaN, NaN

0.0000, NaN, NaN

91.7641, -20.3638,

-2.4763

0.0000, NaN, NaN

■ 104.6125,
-21.7873, -2.0846

■ 19.9004, -9.7947,
-3.7298

■ 19.9004, -9.7947,
-3.7298

■ 19.9006, -9.7949,
-3.7297

■ 20.1199, -9.5095,
-3.4172

■ 20.3428, -9.2119,
-3.1031

■ 20.6024, -8.7753,
-2.7406

■ 20.9058, -8.1746,
-2.3212

■ 21.2548, -7.4082,
-1.8455

■ 21.6501, -6.4786,
-1.3152

■ 22.0919, -5.3908,
-0.7331

■ 22.5800, -4.1526,
-0.1026

■ 23.1137, -2.7732,
0.5724

Harmonies

Analogous

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



19.9008, -10.5876, 1.9042



19.9004, -9.7947, -3.7298



19.9008, -6.7684, -9.1445

Triad

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



19.9008, -9.7947, -3.7295



19.9008, 8.4455, -5.5878



19.9008, -0.1732, 8.7556

Complementary

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



19.9004, -9.7947, -3.7298



11.3148, 17.4027, 7.2761

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.



19.9008, 5.3678, 7.7292



19.9004, -9.7947, -3.7298



19.9008, 10.6778, 0.2258

Square

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



19.9008, -9.7947, -3.7295



19.9008, 3.6762, -10.4066



19.9008, 9.4945, 4.9310



19.9008, -5.3962, 8.2313

Rectangle

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



19.9004, -9.7947, -3.7298



19.9008, -3.6994, -11.3868



19.9008, 9.4945, 4.9310



19.9008, 1.7184, 8.5909

Sweetspot

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



19.9008, -9.7947, -3.7295



28.6107, -7.1848, -1.0487



20.0543, -17.0653, 11.7738



14.5122, -3.7817, -0.5995



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



19.9008, -9.7947, -3.7295



25.7804, -12.6456, -4.9251



11.5826, 2.5593, -20.0006



12.1212, -1.3353, 0.3537



28.9190, -14.1667, -5.5645



72.1068, -35.0787, -14.4024

Inverse Universe

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



12.4591, 24.2151, -14.2782



16.1673, 31.4102, -18.4156



15.8344, 5.7905, 9.8580



11.6429, 0.5669, -0.1250



18.1472, 35.2508, -20.6227



45.4033, 88.1133, -50.9604

Previews

White Background



This preview shows how the HunterLab color 19.9004, -9.7947, -3.7298 looks on a white background.

Color Contrast Check

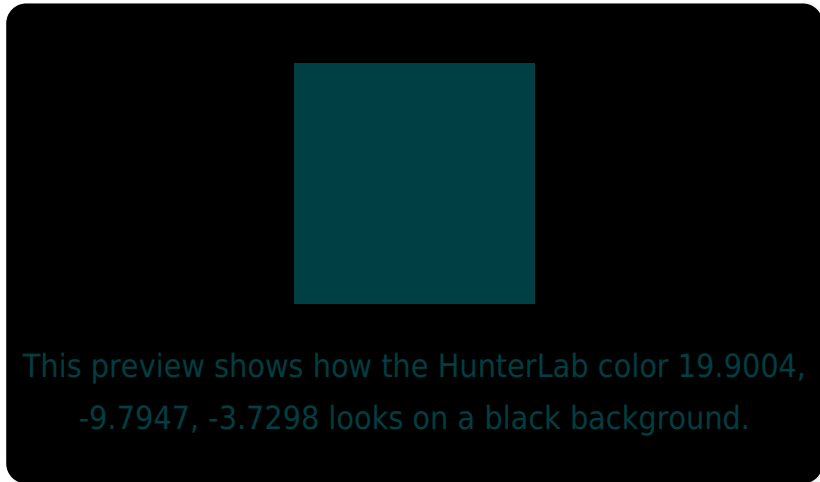
Large Text (above 18pt) WCAG AA ✓ Pass

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

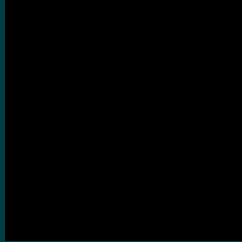
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

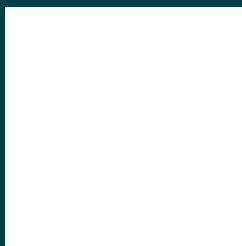
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 19.9004, -9.7947, -3.7298 Background



This preview shows how black text looks on a background with the HunterLab color 19.9004, -9.7947, -3.7298.



This preview shows how white text looks on a background with the HunterLab color 19.9004, -9.7947, -3.7298.

-3.7298.

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

19.9004, -9.7947, -3.7298

Protanopia

20.0698, -0.0599, -1.5265

Deuteranopia

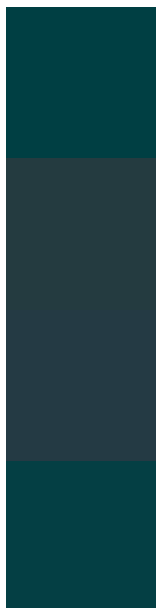
20.0070, 1.3110, -4.3338



Tritanopia

20.0277, -9.2374, -4.0107

Trichromacy



Original Color

19.9004, -9.7947, -3.7298

Protanomaly

19.6804, -5.2632, -2.5780

Deuteranomaly

19.5411, -4.1988, -4.6255

Tritanomaly

19.9955, -9.3629, -4.0589

Monochromacy



Original Color

19.9004, -9.7947, -3.7298

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.2460, -5.5749, -1.0501

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9004, -9.7947, -3.7298 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, 63, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 67)  
}
```

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, 63, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9004, -9.7947, -3.7298 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, 63, 67) }
```


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

```
.border{ border-color:rgb(0, 63, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 67); box-shadow:4px  
4px 4px 4px rgb(0, 63, 67) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.9004, -9.7947, -3.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 67) }
```

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

```
.background{ background-color: rgb(0, 63,  
67) }
```

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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