

Converting Colors

HunterLab(19.0564, -14.2100,
5.5380)

Have a look what the booklet for
HunterLab(19.0564, -14.2100,
5.5380) contains.

HunterLab(19.2393, -13.7796, 5.6987)	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(19.2393,
-13.7796, 5.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	003F27
RGB	0, 63, 39
RGB Percent	0%, 25%, 15%
CMY	1.0000, 0.7529, 0.8471
CMYK	1.00, 0.00, 0.38, 0.75
HSL	157°, 100%, 12%
HSV	157°, 100%, 25%
XYZ	2.1437, 3.7015, 2.5209
YIQ	41.4270, -29.8440, -20.8200

Conversions

Conversions Part 2

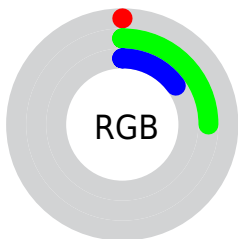
Format	Color
RYB	0, 39, 63
Decimal	16167
CIELab	22.66, -25.36, 9.65
CIELCh	23, 27.139, 159.169
Yxy	3.7017, 0.2562, 0.4424
Android (android.graphics.Color)	4278206247 (0xFF003F27)
YUV	41.4270, -1.1965, -36.3315
Hunter-Lab	19.2393, -13.7796, 5.6987

Details

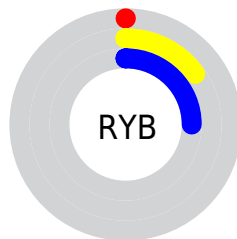
The HunterLab color **19.2393, -13.7796, 5.6987** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.5962, 18.7680, 2.0220**, and the grayscale version is **15.0408, -0.8025, 0.8172**.

A 20% lighter version of the original color is **35.8465, -18.3358, 7.8946**, and **6.3316, -5.4294, 3.8065** is the 20% darker color. If you saturate the color by 10%, you get **19.2397, -13.7799, 5.6990**, and if you desaturate by 10%, it is **19.3874, -13.0859, 5.1891**.

Distribution



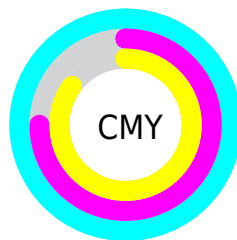
- Red (0%)
- Green (25%)
- Blue (15%)



- Red (0%)
- Yellow (15%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.2393, -13.7796, 5.6987 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 19.2393, -13.7796, 5.6987 by changing the saturation by 10% instead.

■ 19.2393, -13.7796,
5.6987

■ 19.2393, -13.7796,
5.6987

■ 116.8089,
-32.2068, 15.7783

■ 12.2805, -11.1292,
4.4865

■ 35.9601, -18.5015,
7.9890

■ 5.4261, -9.4957,
3.7983

■ 45.5370, -20.6430,
9.0983

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.8393, -22.6936,
10.2004

0.0000, NaN, NaN

■ 66.8192, -24.6770,
11.3023

0.0000, NaN, NaN

■ 78.4371, -26.6096,
12.4084

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.6598, -28.5033,


13.5217


0.0000, NaN, NaN


 103.4587,
-30.3667, 14.6445


 19.2393, -13.7796,
5.6987


 19.2393, -13.7796,
5.6987


 19.2397, -13.7799,
5.6990

 19.3874, -13.0859,
5.1891

 19.5399, -12.3743,
4.6528

 19.7268, -11.5263,
4.1225

 19.9570, -10.5116,
3.6113

 20.2320, -9.3311,
3.1248

■ 20.5529, -7.9892,
2.6682

■ 20.9200, -6.4934,
2.2456

■ 21.3333, -4.8537,
1.8604

■ 21.7921, -3.0815,
1.5151

Harmonies

Analogous

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



19.2397, -10.1002, 9.4871



19.2393, -13.7796, 5.6987



19.2397, -14.3765, -1.5306

Triad

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



19.2397, -13.7798, 5.6989



19.2397, 1.5803, -20.7570



19.2397, 12.9638, 8.3767

Complementary

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



19.2393, -13.7796, 5.6987



10.5962, 18.7680, 2.0220

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.



19.2397, 17.3841, 3.3114



19.2393, -13.7796, 5.6987



19.2397, 10.1174, -14.8183

Square

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



19.2397, -13.7798, 5.6989



19.2397, -6.3769, -19.2128



19.2397, 16.2624, -5.1666



19.2397, 4.9786, 10.5154

Rectangle

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



19.2393, -13.7796, 5.6987



19.2397, -13.0670, -7.9116



19.2397, 16.2624, -5.1666



19.2397, 14.9726, 7.0713

Sweetspot

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



19.2397, -13.7798, 5.6989



27.0542, -8.6808, 2.9797



19.3680, -14.0066, 11.6892



13.8410, -4.6020, 1.5684



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



19.2397, -13.7798, 5.6989



24.9182, -18.0042, 7.7202



17.7583, -8.0126, -4.8991



11.3601, -1.4460, 0.7600



28.9438, -21.0001, 9.1560



73.4702, -54.1778, 25.1229

Inverse Universe

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



10.5962, 18.7680, 2.0220



13.6943, 24.1776, 3.2233



11.0290, 15.1689, 7.0614



10.8685, 0.2889, 0.4647



15.8911, 28.0133, 4.0719



40.1922, 70.4431, 13.4697

Previews

White Background



This preview shows how the HunterLab color 19.2393, -13.7796, 5.6987 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 19.2393, -13.7796, 5.6987 Background



This preview shows how black text looks on a background with the HunterLab color 19.2393, -13.7796, 5.6987.



This preview shows how white text looks on a background with the HunterLab color 19.2393,

-13.7796, 5.6987.

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

19.2393, -13.7796, 5.6987

Protanopia

19.4668, -2.0814, 6.8754

Deuteranopia

19.2511, 1.0124, 5.4193



Tritanopia

19.4821, -7.3093, -3.3428

Trichromacy



Original Color

19.2393, -13.7796, 5.6987

Protanomaly

18.8991, -8.0792, 6.0132

Deuteranomaly

18.5822, -6.4709, 4.9317

Tritanomaly

19.2991, -9.9149, 0.2244

Monochromacy



Original Color

19.2393, -13.7796, 5.6987

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

16.0295, -6.8122, 2.3327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.2393, -13.7796, 5.6987 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 19.2393, -13.7796, 5.6987 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, 39) }
```


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

```
.border{ border-color:rgb(0, 63, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 39); box-shadow:4px  
4px 4px 4px rgb(0, 63, 39) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.2393, -13.7796, 5.6987 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, 39) }
```

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

```
.background{ background-color: rgb(0, 63,  
39) }
```

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