

Converting Colors

HunterLab(19.6739, -13.0866,
6.0384)

Have a look what the booklet for
HunterLab(19.6739, -13.0866,
6.0384) contains.

HunterLab(19.7455, -13.1696, 6.1729)	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(19.7455,
-13.1696, 6.1729)**

Conversions

Conversions Part 1

Format	Color
Hex	0D4027
RGB	13, 64, 39
RGB Percent	5%, 25%, 15%
CMY	0.9490, 0.7490, 0.8471
CMYK	0.80, 0.00, 0.39, 0.75
HSL	151°, 66%, 15%
HSV	151°, 80%, 25%
XYZ	2.3656, 3.8988, 2.5473
YIQ	45.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

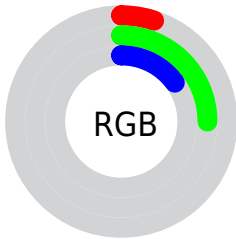
Format	Color
RYB	13, 47, 64
Decimal	868391
CIELab	23.33, -23.56, 10.62
CIELCh	23, 25.842, 155.744
Yxy	3.8990, 0.2685, 0.4425
Android (android.graphics.Color)	4279058471 (0xFF0D4027)
YUV	45.9010, -3.4022, -28.8542
Hunter-Lab	19.7455, -13.1696, 6.1729

Details

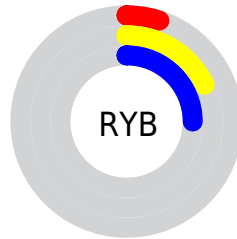
The HunterLab color **19.7455, -13.1696, 6.1729** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.3202, 16.2293, -0.9496**, and the grayscale version is **16.5129, -0.8811, 0.8972**.

A 20% lighter version of the original color is **36.4489, -17.5342, 8.5090**, and **7.0733, -6.0653, 4.2523** is the 20% darker color. If you saturate the color by 10%, you get **19.5859, -13.9294, 6.8053**, and if you desaturate by 10%, it is **19.9440, -12.2553, 5.5242**.

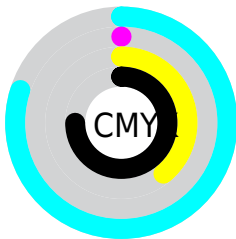
Distribution



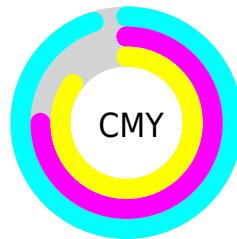
- Red (5%)
- Green (25%)
- Blue (15%)



- Red (5%)
- Yellow (18%)
- Blue (25%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7455, -13.1696, 6.1729 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 19.7455, -13.1696, 6.1729 by changing the saturation by 10% instead.

■ 19.7455, -13.1696,
6.1729

■ 19.7455, -13.1696,
6.1729

■ 117.7296,
-30.5574, 16.7550

■ 12.7170, -10.6333,
4.8684

■ 36.5827, -17.5752,
8.6072

■ 6.0760, -10.6329,
4.2532

■ 46.2103, -19.5869,
9.7784

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.5598, -21.5200,
10.9378

0.0000, NaN, NaN

■ 67.5839, -23.3954,
12.0930

0.0000, NaN, NaN

■ 79.2437, -25.2276,
13.2493

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.5061, -27.0271,

14.4101

0.0000, NaN, NaN

■ 104.3430,
-28.8017, 15.5781

■ 19.7455, -13.1696,
6.1729

■ 19.7455, -13.1696,
6.1729

■ 19.5859, -13.9294,
6.8053

■ 19.9440, -12.2553,
5.5242

■ 19.4333, -14.6577,
7.3893

■ 20.1880, -11.1605,
4.8711

■ 19.4285, -14.6804,
7.4068

■ 20.4795, -9.8871,
4.2207

■ 20.8193, -8.4411,
3.5794

■ 21.2078, -6.8315,
2.9532

■ 21.6447, -5.0697,
2.3473

■ 22.1293, -3.1688,
1.7662

■ 22.6606, -1.1428,
1.2133

■ 23.2371, 0.9941,
0.6916

Harmonies

Analogous

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



19.7459, -9.2299, 9.6213



19.7455, -13.1696, 6.1729



19.7459, -14.1016, -0.4398

Triad

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



19.7459, -13.1698, 6.1731



19.7459, 0.5019, -19.6157



19.7459, 12.9799, 7.8330

Complementary

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



19.7455, -13.1696, 6.1729



12.3202, 16.2293, -0.9496

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.



19.7459, 16.6151, 2.4782



19.7455, -13.1696, 6.1729



19.7459, 8.7141, -14.7873

Square

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



19.7459, -13.1698, 6.1731



19.7459, -6.9619, -17.3606



19.7459, 14.9420, -5.8977



19.7459, 5.6408, 10.2793

Rectangle

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



19.7455, -13.1696, 6.1729



19.7459, -13.0450, -6.3597



19.7459, 14.9420, -5.8977



19.7459, 14.7244, 6.4143

Sweetspot

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



19.7459, -13.1698, 6.1731



28.1961, -7.9545, 3.5191



20.2920, -11.5487, 11.1890



14.7511, -4.3722, 1.9159



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.



19.7459, -13.1698, 6.1731



25.6353, -19.1741, 9.8234



20.3044, -9.8192, -1.8247



12.1298, -1.6118, 0.9310



29.5906, -22.6578, 11.9259



73.9936, -57.5440, 31.7355

Inverse Universe

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



12.3202, 16.2293, -0.9496



14.6253, 24.9531, 0.1967



11.8616, 14.3209, 5.6563



11.6078, 0.3778, 0.3744



16.5686, 29.6375, 0.9142



41.2760, 73.4139, 5.5288

Previews

White Background



This preview shows how the HunterLab color 19.7455, -13.1696, 6.1729 looks on a white background.

Color Contrast Check

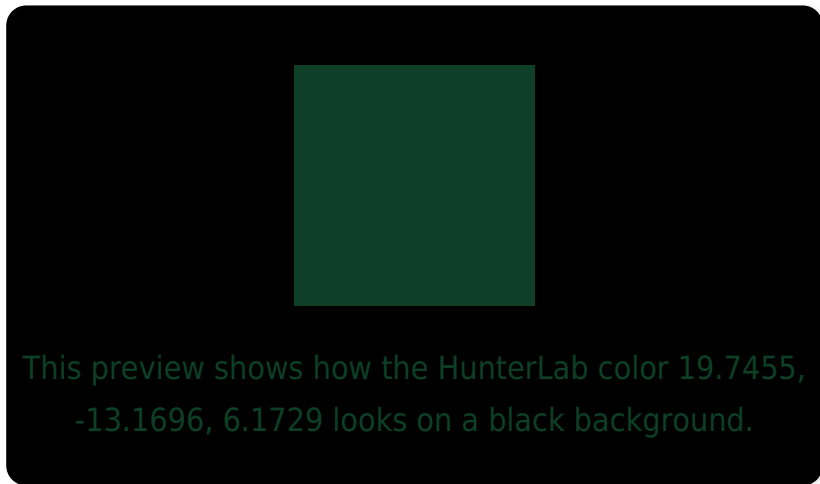
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7455, -13.1696, 6.1729 Background



This preview shows how black text looks on a background with the HunterLab color 19.7455, -13.1696, 6.1729.



This preview shows how white text looks on a background with the HunterLab color 19.7455,

-13.1696, 6.1729.

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

19.7455, -13.1696, 6.1729

Protanopia

19.8691, -1.9166, 7.2292

Deuteranopia

19.6585, 1.1925, 5.8073



Tritanopia

19.8757, -7.1386, -3.2530

Trichromacy



Original Color

19.7455, -13.1696, 6.1729

Protanomaly

19.4858, -7.1995, 6.5555

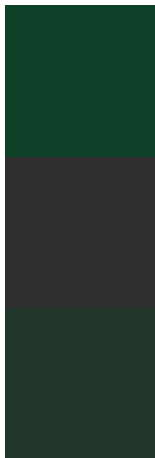
Deuteranomaly

19.1932, -5.5163, 5.5289

Tritanomaly

19.7236, -9.6676, 0.7376

Monochromacy



Original Color

19.7455, -13.1696, 6.1729

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.4949, -6.4468, 2.9219

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7455, -13.1696, 6.1729 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(13, 64, 39)` looks like.

```
.text, #text, p{  
    color:rgb(13, 64, 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(13, 64, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 64, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7455, -13.1696, 6.1729 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(13, 64, 39) }
```


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

```
.border{ border-color:rgb(13, 64, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 64, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 64, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 64, 39);  
box-shadow:4px 4px 4px 4px rgb(13, 64, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7455, -13.1696, 6.1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 64, 39) }
```

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

```
.background{ background-color: rgb(13, 64,  
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