

Converting Colors

HunterLab(19.6746, 2.0058,
-26.8440)

Have a look what the booklet for
HunterLab(19.6746, 2.0058,
-26.8440) contains.

HunterLab(19.6946, 1.7914, -26.4632)	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(19.6946, 1.7914,
-26.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	0B3867
RGB	11, 56, 103
RGB Percent	4%, 22%, 40%
CMY	0.9568, 0.7804, 0.5961
CMYK	0.89, 0.46, 0.00, 0.60
HSL	211°, 81%, 22%
HSV	211°, 89%, 40%
XYZ	4.0004, 3.8788, 13.3698
YIQ	47.9030, -41.9070, 5.0770

Conversions

Conversions Part 2

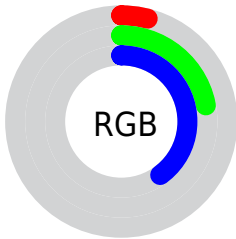
Format	Color
R_{YB}	11, 41, 103
Decimal	735335
CIE _{Lab}	23.27, 4.67, -31.71
CIE _{LCh}	23, 32.048, 278.381
Yxy	3.8789, 0.1883, 0.1825
Android (android.graphics.Color)	4278925415 (0xFF0B3867)
YUV	47.9030, 27.1628, -32.3639
Hunter-Lab	19.6946, 1.7914, -26.4632

Details

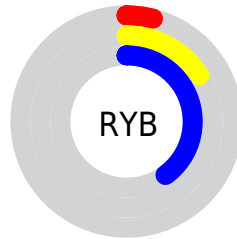
The HunterLab color **19.6946, 1.7914, -26.4632** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.3615, 9.8849, 14.4133**, and the grayscale version is **17.0835, -0.9115, 0.9282**.

A 20% lighter version of the original color is **36.4496, 1.9107, -27.9487**, and **7.5721, 6.9684, -24.5072** is the 20% darker color. If you saturate the color by 10%, you get **18.2447, 3.5816, -30.3956**, and if you desaturate by 10%, it is **21.2315, 0.2314, -22.7475**.

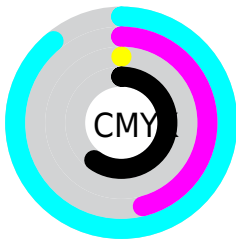
Distribution



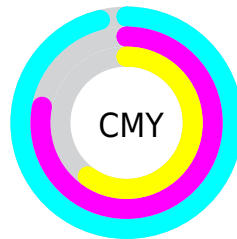
- Red (4%)
- Green (22%)
- Blue (40%)



- Red (4%)
- Yellow (16%)
- Blue (40%)



- Cyan (89%)
- Magenta (46%)
- Yellow (0%)
- Black (60%)



- Cyan (96%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6946, 1.7914, -26.4632 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 19.6946, 1.7914, -26.4632 by changing the saturation by 10% instead.

■ 19.6946, 1.7914,
-26.4632

■ 19.6946, 1.7914,
-26.4632

■ 117.6371, -1.2210,
-30.8368

■ 12.6730, 1.8012,
-26.4515

■ 36.5201, 1.5110,
-27.4715

■ 6.0139, 3.0636,
-32.5124

■ 46.1426, 1.2679,
-28.0695

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.4873, 0.9679,
-28.6485

0.0000, NaN, NaN

■ 67.5070, 0.6168,
-29.1882

0.0000, NaN, NaN

■ 79.1626, 0.2190,
-29.6793

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.4210, -0.2217,

-30.1182

0.0000, NaN, NaN

104.2541, -0.7025,
-30.5039

19.6946, 1.7914,
-26.4632

19.6946, 1.7914,
-26.4632

18.2447, 3.5816,
-30.3956

21.2315, 0.2314,
-22.7475

18.1459, 3.7062,
-30.6814

22.8872, -0.9724,
-19.1558

24.6515, -1.8449,
-15.7049

26.5137, -2.4189,
-12.3999

28.4638, -2.7288,
-9.2377

■ 30.4931, -2.8070,
-6.2098

■ 32.5938, -2.6831,
-3.3051

■ 34.7593, -2.3831,
-0.5113

■ 36.9836, -1.9293,
2.1837

Harmonies

Analogous

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



19.6949, -7.5685, -24.1846



19.6946, 1.7914, -26.4632



19.6949, 12.1730, -18.9838

Triad

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



19.6949, 1.7919, -26.4627



19.6949, 16.1449, 9.3107



19.6949, -15.7737, 6.6316

Complementary

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



19.6946, 1.7914, -26.4632



24.3615, 9.8849, 14.4133

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.



19.6949, -11.5058, 10.6235



19.6946, 1.7914, -26.4632



19.6949, 6.4403, 11.6141

Square

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



19.6949, 1.7919, -26.4627



19.6949, 21.4636, 3.5265



19.6949, -3.7430, 12.0165



19.6949, -16.5321, -1.7456

Rectangle

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



19.6946, 1.7914, -26.4632



19.6949, 17.8577, -10.9376



19.6949, -3.7430, 12.0165



19.6949, -14.7491, 8.3832

Sweetspot

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



19.6949, 1.7919, -26.4627



41.2248, -3.7475, -7.7090



31.7289, -23.3064, 11.9087



20.0327, -1.8564, -4.2798



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



19.6949, 1.7919, -26.4627



23.7940, 5.9058, -42.4893



11.3581, 22.6520, -59.5890



17.2158, -1.1698, -0.1984



20.1798, 4.4921, -34.9201



44.1542, 14.0925, -85.6107

Inverse Universe

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



18.4626, 29.8295, -0.1163



23.5751, 42.0465, 2.2617



35.5082, -9.3342, 21.1875



16.9312, 0.7333, 0.5036



19.7854, 35.3322, 1.5517



44.9899, 79.9793, 6.3380

Previews

White Background



This preview shows how the HunterLab color 19.6946, 1.7914, -26.4632 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 19.6946, 1.7914, -26.4632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

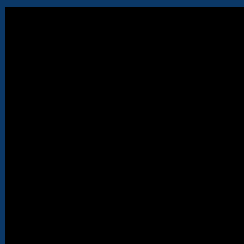
Any Text WCAG AA × Fail

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 19.6946, 1.7914, -26.4632 Background



This preview shows how black text looks on a background with the HunterLab color 19.6946, 1.7914, -26.4632.



This preview shows how white text looks on a background with the HunterLab color 19.6946, 1.7914,

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

19.6946, 1.7914, -26.4632

Protanopia

19.7516, 4.2527, -24.7124

Deuteranopia

19.6121, -0.0688, -24.3649



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.6946, 1.7914, -26.4632

Protanomaly

19.7443, 3.1049, -25.5269

Deuteranomaly

19.7273, 0.4236, -24.8400

Tritanomaly

19.5500, -6.1164, -10.4939

Monochromacy



Original Color

19.6946, 1.7914, -26.4632

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.7266, -1.6148, -7.3968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6946, 1.7914, -26.4632 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(11, 56, 103)` looks like.

```
.text, #text, p{  
    color:rgb(11, 56, 103)  
}
```

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(11, 56, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 56, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6946, 1.7914, -26.4632 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(11, 56, 103) }
```


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

```
.border{ border-color:rgb(11, 56, 103) }
```

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

Here you see how a box with a 4 pixel rgb(11, 56, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 56, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 56, 103);  
box-shadow:4px 4px 4px 4px rgb(11, 56,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.6946, 1.7914, -26.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 56, 103) }
```

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

```
.background{ background-color: rgb(11, 56,  
103) }
```

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