

Converting Colors

HunterLab(19.3418, -12.0439,
-25.1398)

Have a look what the booklet for
HunterLab(19.3418, -12.0439,
-25.1398) contains.

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Color

**HunterLab(21.6811, -3.4412,
-19.6709)**

Conversions

Conversions Part 1

Format	Color
Hex	004164
RGB	0, 65, 100
RGB Percent	0%, 25%, 39%
CMY	1.0000, 0.7451, 0.6078
CMYK	1.00, 0.35, 0.00, 0.61
HSL	201°, 100%, 20%
HSV	201°, 100%, 39%
XYZ	4.1906, 4.7007, 12.7431
YIQ	49.5550, -49.9750, -2.8950

Conversions

Conversions Part 2

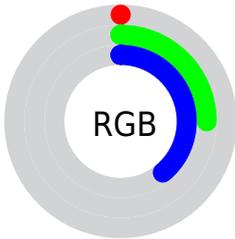
Format	Color
RYB	0, 39, 100
Decimal	16740
CIELab	25.86, -3.81, -25.65
CIELCh	26, 25.930, 261.544
Yxy	4.7009, 0.1937, 0.2173
Android (android.graphics.Color)	4278206820 (0xFF004164)
YUV	49.5550, 24.8694, -43.4597
Hunter-Lab	21.6811, -3.4412, -19.6709

Details

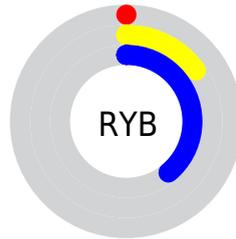
The HunterLab color **21.6811, -3.4412, -19.6709** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.7788, 18.2451, 12.5061**, and the grayscale version is **17.6433, -0.9414, 0.9586**.

A 20% lighter version of the original color is **39.0814, -5.0202, -20.4237**, and **9.3265, 1.8416, -15.6328** is the 20% darker color. If you saturate the color by 10%, you get **21.6804, -3.4400, -19.6727**, and if you desaturate by 10%, it is **22.7592, -4.3538, -17.4610**.

Distribution



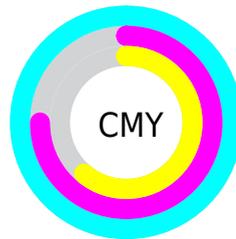
- Red (0%)
- Green (25%)
- Blue (39%)



- Red (0%)
- Yellow (15%)
- Blue (39%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (75%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6811, -3.4412, -19.6709 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 21.6811, -3.4412, -19.6709 by changing the saturation by 10% instead.

■ 21.6811, -3.4412,
-19.6709

■ 21.6811, -3.4412,
-19.6709

■ 121.2012,
-10.5841, -22.9831

■ 14.3973, -2.7473,
-19.2565

■ 38.9475, -4.8744,
-20.7290

■ 8.0578, -2.4923,
-19.8164

■ 48.7628, -5.6221,
-21.2206

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.2870, -6.3922,
-21.6588

0.0000, NaN, NaN

■ 70.4754, -7.1851,
-22.0386

0.0000, NaN, NaN

■ 82.2905, -8.0010,
-22.3595

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.7008, -8.8396,

-22.6224

0.0000, NaN, NaN

107.6790, -9.7007,
-22.8296

21.6811, -3.4412,
-19.6709

21.6811, -3.4412,
-19.6709

21.6804, -3.4400,
-19.6727

22.7592, -4.3538,
-17.4610

23.8827, -5.1241,
-15.3046

25.0933, -5.5988,
-13.1229

26.3888, -5.7853,
-10.9295

27.7653, -5.6990,
-8.7368

■ 29.2183, -5.3597,
-6.5552

■ 30.7430, -4.7892,
-4.3923

■ 32.3347, -4.0092,
-2.2533

■ 33.9885, -3.0409,
-0.1415

Harmonies

Analogous

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



21.6814, -10.1648, -14.2672



21.6811, -3.4412, -19.6709



21.6814, 4.9778, -18.0611

Triad

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



21.6814, -3.4409, -19.6704



21.6814, 15.6507, 6.0210



21.6814, -12.2309, 8.6217

Complementary

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



21.6811, -3.4412, -19.6709



19.7788, 18.2451, 12.5061

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.



21.6814, -6.6793, 11.0449



21.6811, -3.4412, -19.6709



21.6814, 9.6114, 9.9814

Square

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



21.6814, -3.4409, -19.6704



21.6814, 16.8620, -1.1572



21.6814, 1.2234, 11.4270



21.6814, -14.7193, 3.2832

Rectangle

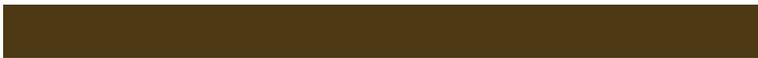
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.6811, -3.4412, -19.6709



21.6814, 10.3926, -13.4175



21.6814, 1.2234, 11.4270



21.6814, -10.7043, 9.7067

Sweetspot

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



21.6814, -3.4409, -19.6704



40.5225, -6.4198, -6.0686



30.3906, -24.6334, 15.1921



19.7962, -3.3084, -3.4359



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



21.6814, -3.4409, -19.6704



28.3480, -3.9945, -26.8096



11.2341, 19.6075, -56.3655



17.4132, -1.4930, 0.0397



24.9158, -3.7121, -23.1293



55.4023, -6.1008, -56.0782

Inverse Universe

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



17.5819, 32.2771, -5.4660



23.2340, 42.5796, -6.6197



30.3425, -3.0700, 18.6426



16.9516, 0.8428, 0.2138



20.3230, 37.2753, -6.0274



46.2292, 84.4683, -11.2071

Previews

White Background



This preview shows how the HunterLab color 21.6811, -3.4412, -19.6709 looks on a white background.

Color Contrast Check

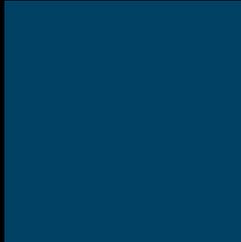
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6811, -3.4412, -19.6709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

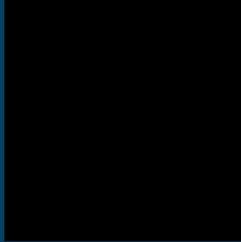
Any Text WCAG AA × Fail

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 21.6811, -3.4412, -19.6709 Background



This preview shows how black text looks on a background with the HunterLab color 21.6811, -3.4412, -19.6709.



This preview shows how white text looks on a background with the HunterLab color 21.6811, -3.4412, -19.6709.

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

21.6811, -3.4412, -19.6709

Protanopia

21.9886, 2.4882, -16.2464

Deuteranopia

21.9018, 1.3698, -19.8096



Tritanopia

21.7960, -10.5920, -4.3780

Trichromacy



Original Color

21.6811, -3.4412, -19.6709

Protanomaly

21.4467, -0.5332, -18.0587

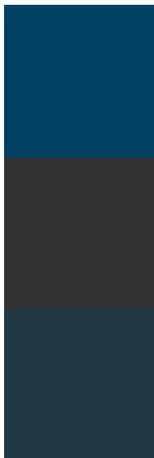
Deuteranomaly

21.6536, -0.7724, -20.3821

Tritanomaly

21.8146, -8.4854, -8.9487

Monochromacy



Original Color

21.6811, -3.4412, -19.6709

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.5925, -3.6846, -6.0476

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6811, -3.4412, -19.6709 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, 65, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 100)  
}
```

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, 65, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6811, -3.4412, -19.6709 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, 65, 100) }
```

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

```
.border{ border-color:rgb(0, 65, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 65, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 65, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 65, 100)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.6811, -3.4412, -19.6709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 100) }
```

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

```
.background{ background-color: rgb(0, 65,  
100) }
```

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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