

Converting Colors

HunterLab(14.3828, -22.4403,
-35.0445)

Have a look what the booklet for
HunterLab(14.3828, -22.4403,
-35.0445) contains.

HunterLab(19.3246, -1.6412, -20.6113)	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(19.3246, -1.6412,
-20.6113)**

Conversions

Conversions Part 1

Format	Color
Hex	00395E
RGB	0, 57, 94
RGB Percent	0%, 22%, 37%
CMY	1.0000, 0.7765, 0.6314
CMYK	1.00, 0.39, 0.00, 0.63
HSL	204°, 100%, 18%
HSV	204°, 100%, 37%
XYZ	3.4835, 3.7344, 11.1269
YIQ	44.1750, -45.8490, -0.5770

Conversions

Conversions Part 2

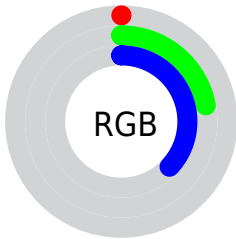
Format	Color
RYB	0, 35, 94
Decimal	14686
CIELab	22.77, -1.04, -26.65
CIELCh	23, 26.674, 267.764
Yxy	3.7345, 0.1899, 0.2036
Android (android.graphics.Color)	4278204766 (0xFF00395E)
YUV	44.1750, 24.5637, -38.7415
Hunter-Lab	19.3246, -1.6412, -20.6113

Details

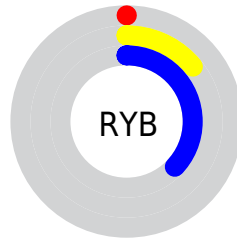
The HunterLab color **19.3246, -1.6412, -20.6113** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.2441, 15.2793, 12.1249**, and the grayscale version is **15.8614, -0.8463, 0.8618**.

A 20% lighter version of the original color is **36.1508, -2.8214, -21.7079**, and **7.2628, 4.2619, -18.2779** is the 20% darker color. If you saturate the color by 10%, you get **19.3240, -1.6400, -20.6130**, and if you desaturate by 10%, it is **20.4316, -2.6355, -18.1865**.

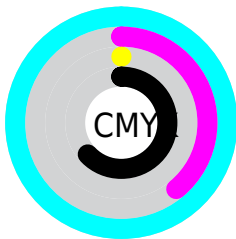
Distribution



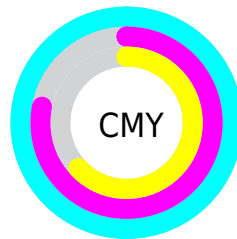
- Red (0%)
- Green (22%)
- Blue (37%)



- Red (0%)
- Yellow (14%)
- Blue (37%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3246, -1.6412, -20.6113 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 19.3246, -1.6412, -20.6113 by changing the saturation by 10% instead.

■ 19.3246, -1.6412,
-20.6113

■ 19.3246, -1.6412,
-20.6113

■ 116.9643, -7.3613,
-24.2233

■ 12.3539, -1.1830,
-20.3259

■ 36.0650, -2.6773,
-21.6652

■ 5.5413, -1.1143,
-26.0641

■ 45.6505, -3.2511,
-22.1910

0.0000, NaN, -NF

■ 55.9608, -3.8593,
-22.6708

0.0000, NaN, NaN

■ 66.9482, -4.5000,
-23.0955

0.0000, NaN, NaN

■ 78.5732, -5.1719,
-23.4624

0.0000, NaN, NaN

■ 90.8026, -5.8734,

0.0000, NaN, NaN

-23.7716

0.0000, NaN, NaN

■ 103.6079, -6.6036,
-24.0246

■ 19.3246, -1.6412,
-20.6113

■ 19.3246, -1.6412,
-20.6113

■ 19.3240, -1.6400,
-20.6130

■ 20.4316, -2.6355,
-18.1865

■ 21.5798, -3.5092,
-15.8592

■ 22.8134, -4.1015,
-13.5362

■ 24.1287, -4.4230,
-11.2310

■ 25.5210, -4.4916,
-8.9547

■ 26.9850, -4.3283,
-6.7150

■ 28.5156, -3.9553,
-4.5165

■ 30.1076, -3.3939,
-2.3613

■ 31.7565, -2.6642,
-0.2497

Harmonies

Analogous

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



19.3249, -8.7133, -16.3229



19.3246, -1.6412, -20.6113



19.3249, 6.8380, -17.3774

Triad

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



19.3249, -1.6408, -20.6109



19.3249, 14.9134, 6.7956



19.3249, -12.5990, 7.4425

Complementary

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



19.3246, -1.6412, -20.6113



19.2441, 15.2793, 12.1249

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.



19.3249, -7.8149, 10.1498



19.3246, -1.6412, -20.6113



19.3249, 8.0748, 9.9000

Square

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



19.3249, -1.6408, -20.6109



19.3249, 17.2893, 0.4602



19.3249, -0.4159, 10.8225



19.3249, -14.3501, 1.6255

Rectangle

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



19.3246, -1.6412, -20.6113



19.3249, 12.0185, -11.9194



19.3249, -0.4159, 10.8225



19.3249, -11.3358, 8.6385

Sweetspot

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



19.3249, -1.6408, -20.6109



37.5392, -5.2913, -6.2475



28.5186, -22.8568, 13.6965



18.1025, -2.6655, -3.4444



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



19.3249, -1.6408, -20.6109



25.1828, -1.5337, -28.1656



10.2321, 19.4242, -54.7177



15.7563, -1.2657, -0.0007



22.5205, -1.5856, -24.7257



50.9982, -0.8671, -61.8716

Inverse Universe

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



16.3563, 29.8140, -3.4312



21.5967, 39.2879, -3.8959



29.2772, -4.2153, 17.9662



15.3899, 0.6989, 0.2799



19.2138, 34.9814, -3.6863



44.7636, 81.1433, -5.8366

Previews

White Background



This preview shows how the HunterLab color 19.3246, -1.6412, -20.6113 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 19.3246, -1.6412, -20.6113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

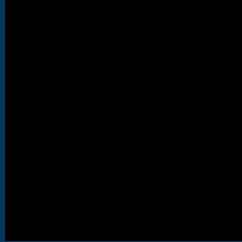
Any Text WCAG AA × Fail

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 19.3246, -1.6412, -20.6113 Background



This preview shows how black text looks on a background with the HunterLab color 19.3246, -1.6412, -20.6113.



This preview shows how white text looks on a background with the HunterLab color 19.3246, -1.6412, -20.6113.

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

19.3246, -1.6412, -20.6113

Protanopia

19.6081, 2.8509, -17.7953

Deuteranopia

19.6040, 0.6159, -19.9365



Tritanopia

19.2851, -9.4719, -3.6576

Trichromacy



Original Color

19.3246, -1.6412, -20.6113

Protanomaly

19.2659, 0.5548, -19.2786

Deuteranomaly

19.3563, -0.2301, -20.5139

Tritanomaly

19.3740, -6.9981, -9.1090

Monochromacy



Original Color

19.3246, -1.6412, -20.6113

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.7072, -3.0970, -5.9326

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3246, -1.6412, -20.6113 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, 57, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 94)  
}
```

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, 57, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3246, -1.6412, -20.6113 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, 57, 94) }
```


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

```
.border{ border-color:rgb(0, 57, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 94); box-shadow:4px  
4px 4px 4px rgb(0, 57, 94) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.3246, -1.6412, -20.6113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 94) }
```

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

```
.background{ background-color: rgb(0, 57,  
94) }
```

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