

Converting Colors

HunterLab(20.1439, -4.1330,
-15.5389)

Have a look what the booklet for
HunterLab(20.1439, -4.1330,
-15.5389) contains.

HunterLab(20.2103, -4.2614, -15.3476)	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(20.2103, -4.2614,
-15.3476)**

Conversions

Conversions Part 1

Format	Color
Hex	043D59
RGB	4, 61, 89
RGB Percent	2%, 24%, 35%
CMY	0.9843, 0.7608, 0.6510
CMYK	0.95, 0.31, 0.00, 0.65
HSL	200°, 91%, 18%
HSV	200°, 95%, 35%
XYZ	3.5220, 4.0846, 10.0540
YIQ	47.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

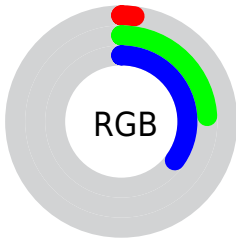
Format	Color
R_{YB}	4, 38, 89
Decimal	277849
CIE _{Lab}	23.95, -5.50, -21.52
CIE _{LCh}	24, 22.211, 255.663
Yxy	4.0847, 0.1994, 0.2313
Android (android.graphics.Color)	4278467929 (0xFF043D59)
YUV	47.1490, 20.6325, -37.8417
Hunter-Lab	20.2103, -4.2614, -15.3476

Details

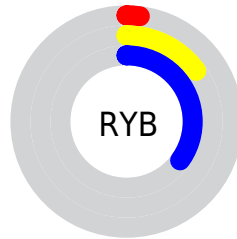
The HunterLab color **20.2103, -4.2614, -15.3476** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.7935, 15.5947, 10.8538**, and the grayscale version is **16.8543, -0.8993, 0.9157**.

A 20% lighter version of the original color is **37.0776, -5.8174, -16.3141**, and **8.0010, 0.9215, -11.9899** is the 20% darker color. If you saturate the color by 10%, you get **19.7980, -3.9706, -16.1743**, and if you desaturate by 10%, it is **21.1314, -4.9025, -13.5830**.

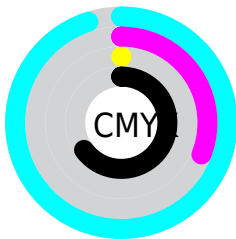
Distribution



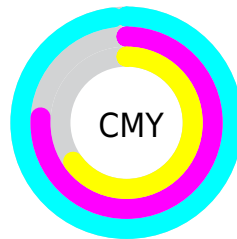
- Red (2%)
- Green (24%)
- Blue (35%)



- Red (2%)
- Yellow (15%)
- Blue (35%)



- Cyan (95%)
- Magenta (31%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2103, -4.2614, -15.3476 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 20.2103, -4.2614, -15.3476 by changing the saturation by 10% instead.

■ 20.2103, -4.2614,
-15.3476

■ 20.2103, -4.2614,
-15.3476

■ 118.5700,
-12.2006, -17.7876

■ 13.1189, -3.4260,
-14.8997

■ 37.1528, -5.9241,
-16.2933

■ 6.6124, -3.9775,
-16.7056

■ 46.8263, -6.7697,
-16.6918

0.0000, NaN, -NF

■ 57.2185, -7.6302,
-17.0264

0.0000, NaN, NaN

■ 68.2828, -8.5075,
-17.2968

0.0000, NaN, NaN

■ 79.9805, -9.4026,
-17.5053

0.0000, NaN, NaN

■ 92.2790, -10.3163,

0.0000, NaN, NaN

-17.6545

0.0000, NaN, NaN

105.1503,
-11.2489, -17.7477

20.2103, -4.2614,
-15.3476

20.2103, -4.2614,
-15.3476

19.7980, -3.9706,
-16.1743

21.1314, -4.9025,
-13.5830

22.1086, -5.3538,
-11.8165

23.1581, -5.5564,
-10.0247

24.2777, -5.5192,
-8.2183

25.4643, -5.2563,
-6.4069

■ 26.7143, -4.7844,
-4.5987

■ 28.0239, -4.1215,
-2.7999

■ 29.3893, -3.2853,
-1.0149

■ 30.8068, -2.2928,
0.7532

Harmonies

Analogous

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



20.2106, -9.5416, -10.1699



20.2103, -4.2614, -15.3476



20.2106, 2.6290, -15.2171

Triad

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



20.2106, -4.2612, -15.3472



20.2106, 13.3486, 4.2198



20.2106, -9.7211, 8.0826

Complementary

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



20.2103, -4.2614, -15.3476



17.7935, 15.5947, 10.8538

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.



20.2106, -4.5385, 9.8704



20.2103, -4.2614, -15.3476



20.2106, 9.0545, 8.2058

Square

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



20.2106, -4.2612, -15.3472



20.2106, 13.4492, -2.2815



20.2106, 2.3121, 9.9063



20.2106, -12.3951, 3.9826

Rectangle

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



20.2103, -4.2614, -15.3476



20.2106, 7.2527, -12.0759



20.2106, 2.3121, 9.9063



20.2106, -8.2481, 8.9029

Sweetspot

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



20.2106, -4.2612, -15.3472



35.8611, -5.7987, -4.6959



26.9614, -21.5684, 13.3970



17.8115, -3.0375, -2.6932



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



20.2106, -4.2612, -15.3472



25.5586, -4.7072, -21.7845



11.1045, 14.2648, -43.3707



15.0300, -1.3036, 0.0895



23.8218, -4.4871, -20.0887



54.9503, -8.3013, -50.7630

Inverse Universe

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



15.9618, 28.0450, -6.0728



20.4034, 37.5638, -7.1442



26.3684, -1.7914, 15.9579



14.6281, 0.6793, 0.1770



18.9671, 34.9359, -6.7682



44.7652, 82.1236, -13.4128

Previews

White Background



This preview shows how the HunterLab color 20.2103, -4.2614, -15.3476 looks on a white background.

Color Contrast Check

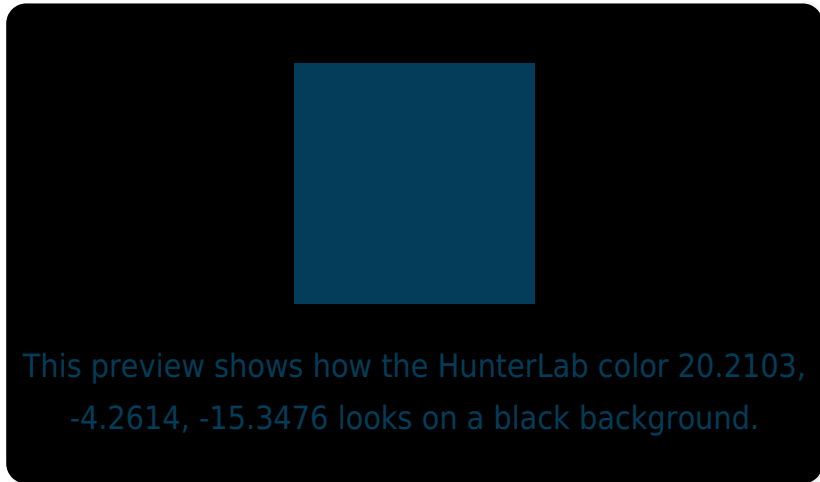
Large Text (above 18pt) WCAG AA ✓ Pass

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

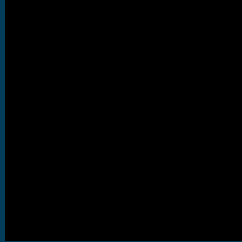
Any Text WCAG AA × Fail

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 20.2103, -4.2614, -15.3476 Background



This preview shows how black text looks on a background with the HunterLab color 20.2103, -4.2614, -15.3476.



This preview shows how white text looks on a background with the HunterLab color 20.2103, -4.2614, -15.3476.

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

20.2103, -4.2614, -15.3476

Protanopia

20.2796, 2.1198, -12.5934

Deuteranopia

20.2868, 1.3093, -15.7462



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

20.2103, -4.2614, -15.3476

Protanomaly

20.0127, -1.2318, -13.7731

Deuteranomaly

19.9933, -0.9679, -16.3820

Tritanomaly

20.2071, -8.0268, -7.7510

Monochromacy



Original Color

20.2103, -4.2614, -15.3476

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.5929, -3.7727, -4.5845

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2103, -4.2614, -15.3476 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(4, 61, 89)` looks like.

```
.text, #text, p{  
    color:rgb(4, 61, 89)  
}
```

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(4, 61, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 61, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2103, -4.2614, -15.3476 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(4, 61, 89) }
```


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

```
.border{ border-color:rgb(4, 61, 89) }
```

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

Here you see how a box with a 4 pixel rgb(4, 61, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 61, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 61, 89); box-shadow:4px  
4px 4px 4px rgb(4, 61, 89) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.2103, -4.2614, -15.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 61, 89) }
```

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

```
.background{ background-color: rgb(4, 61,  
89) }
```

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