

Converting Colors

HunterLab(16.7503, -18.1871,
-23.7673)

Have a look what the booklet for
HunterLab(16.7503, -18.1871,
-23.7673) contains.

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Color

**HunterLab(20.1464, -4.4944,
-15.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	003D59
RGB	0, 61, 89
RGB Percent	0%, 24%, 35%
CMY	1.0000, 0.7608, 0.6510
CMYK	1.00, 0.31, 0.00, 0.65
HSL	199°, 100%, 17%
HSV	199°, 100%, 35%
XYZ	3.4719, 4.0588, 10.0517
YIQ	45.9530, -45.3440, -4.2240

Conversions

Conversions Part 2

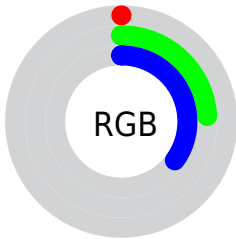
Format	Color
RYB	0, 36, 89
Decimal	15705
CIELab	23.87, -5.93, -21.66
CIELCh	24, 22.455, 254.687
Yxy	4.0589, 0.1975, 0.2308
Android (android.graphics.Color)	4278205785 (0xFF003D59)
YUV	45.9530, 21.2222, -40.3008
Hunter-Lab	20.1464, -4.4944, -15.4791

Details

The HunterLab color **20.1464, -4.4944, -15.4791** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.1894, 17.0150, 10.8891**, and the grayscale version is **16.4573, -0.8781, 0.8942**.

A 20% lighter version of the original color is **36.9854, -6.1479, -16.4740**, and **8.0010, 0.9215, -11.9899** is the 20% darker color. If you saturate the color by 10%, you get **20.1460, -4.4936, -15.4802**, and if you desaturate by 10%, it is **21.0313, -5.0884, -13.7742**.

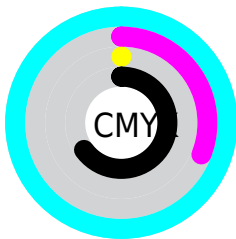
Distribution



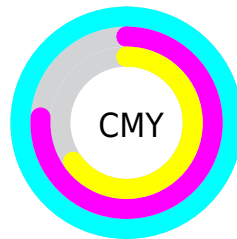
- Red (0%)
- Green (24%)
- Blue (35%)



- Red (0%)
- Yellow (14%)
- Blue (35%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1464, -4.4944, -15.4791 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 20.1464, -4.4944, -15.4791 by changing the saturation by 10% instead.

■ 20.1464, -4.4944,
-15.4791

■ 20.1464, -4.4944,
-15.4791

■ 118.4547,
-12.6465, -17.9579

■ 13.0636, -3.6218,
-15.0335

■ 37.0745, -6.2179,
-16.4304

■ 6.5415, -4.2996,
-16.9785

■ 46.7417, -7.0897,
-16.8333

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 57.1281, -7.9744,
-17.1726

0.0000, NaN, NaN

■ 68.1869, -8.8742,
-17.4479

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.8794, -9.7907,
-17.6612

0.0000, NaN, NaN

■ 92.1729, -10.7246,

-17.8153

0.0000, NaN, NaN

■ 105.0396,
-11.6764, -17.9132

■ 20.1464, -4.4944,
-15.4791

■ 20.1464, -4.4944,
-15.4791

■ 20.1460, -4.4936,
-15.4802

■ 21.0313, -5.0884,
-13.7742

■ 21.9433, -5.5972,
-12.1137

■ 22.9263, -5.8601,
-10.4177

■ 23.9795, -5.8797,
-8.6954

■ 25.1008, -5.6669,
-6.9570

■ 26.2868, -5.2368,
-5.2113

■ 27.5342, -4.6063,
-3.4659

■ 28.8393, -3.7929,
-1.7265

■ 30.1985, -2.8139,
0.0027

Harmonies

Analogous

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



20.1467, -9.7452, -10.0847



20.1464, -4.4944, -15.4791



20.1467, 2.4352, -15.5411

Triad

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



20.1467, -4.4942, -15.4787



20.1467, 13.5936, 4.0682



20.1467, -9.6599, 8.2173

Complementary

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



20.1464, -4.4944, -15.4791



17.1894, 17.0150, 10.8891

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.



20.1467, -4.3622, 9.9410



20.1464, -4.4944, -15.4791



20.1467, 9.3633, 8.1591

Square

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



20.1467, -4.4942, -15.4787



20.1467, 13.5456, -2.5685



20.1467, 2.5863, 9.9241



20.1467, -12.4398, 4.1809

Rectangle

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



20.1464, -4.4944, -15.4791



20.1467, 7.1310, -12.4527



20.1467, 2.5863, 9.9241



20.1467, -8.1488, 9.0146

Sweetspot

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



20.1467, -4.4942, -15.4787



35.8274, -6.1095, -4.7472



26.8750, -22.0117, 13.9265



17.8103, -3.1957, -2.6977



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.



20.1467, -4.4942, -15.4787



26.0253, -5.4160, -20.8377



10.7130, 14.8506, -45.4459



15.0452, -1.3282, 0.1076



24.2526, -5.1398, -19.2184



56.0275, -9.9713, -48.5044

Inverse Universe

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



15.6875, 29.0102, -6.5118



20.4629, 37.7768, -7.9673



25.7994, -0.9656, 15.8801



14.6297, 0.6877, 0.1547



19.0221, 35.1329, -7.5297



44.8998, 82.6064, -15.2824

Previews

White Background



This preview shows how the HunterLab color 20.1464, -4.4944, -15.4791 looks on a white background.

Color Contrast Check

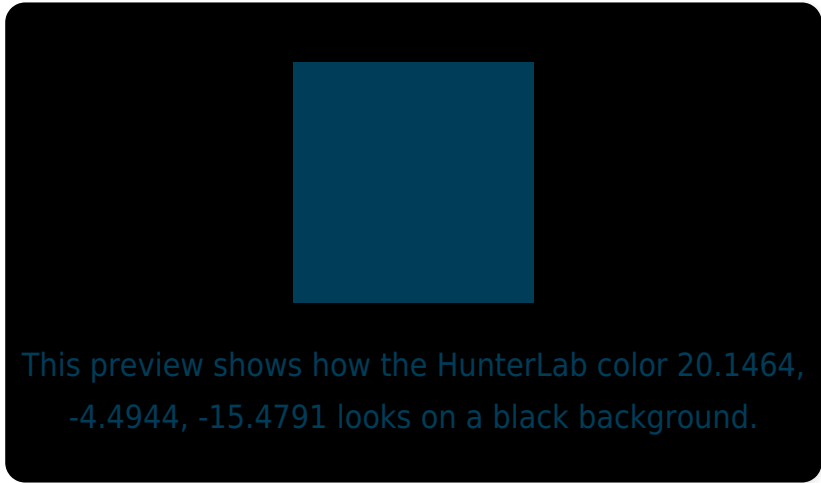
Large Text (above 18pt) WCAG AA ✓ Pass

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

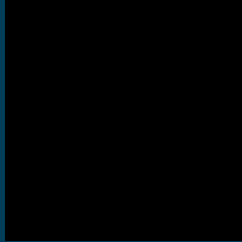
Any Text WCAG AA × Fail

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 20.1464, -4.4944, -15.4791 Background



This preview shows how black text looks on a background with the HunterLab color 20.1464, -4.4944, -15.4791.



This preview shows how white text looks on a background with the HunterLab color 20.1464, -4.4944, -15.4791.

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

20.1464, -4.4944, -15.4791

Protanopia

20.2796, 2.1198, -12.5934

Deuteranopia

20.2868, 1.3093, -15.7462

Trichromacy



Original Color

20.1464, -4.4944, -15.4791

Protanomaly

19.9732, -1.3695, -13.8513

Deuteranomaly

19.9273, -1.1975, -16.5217

Monochromacy



Original Color

20.1464, -4.4944, -15.4791

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.2530, -3.7067, -5.0953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1464, -4.4944, -15.4791 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, 61, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 61, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1464, -4.4944, -15.4791 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, 61, 89) }
```

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

```
.border{ border-color:rgb(0, 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(0, 61, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 89); box-shadow:4px  
4px 4px 4px rgb(0, 61, 89) }
```


Background

The CSS property to change the background color of an element to HunterLab 20.1464, -4.4944, -15.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 89) }
```

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

```
.background{ background-color: rgb(0, 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](#).

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