

Converting Colors

HunterLab(20.7783, -10.1224,
-17.4075)

Have a look what the booklet for
HunterLab(20.7783, -10.1224,
-17.4075) contains.

HunterLab(21.9601, -5.6929, -15.1590)	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(21.9601, -5.6929,
-15.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	00435E
RGB	0, 67, 94
RGB Percent	0%, 26%, 37%
CMY	1.0000, 0.7373, 0.6314
CMYK	1.00, 0.29, 0.00, 0.63
HSL	197°, 100%, 18%
HSV	197°, 100%, 37%
XYZ	4.0275, 4.8225, 11.3082
YIQ	50.0450, -48.5990, -5.8070

Conversions

Conversions Part 2

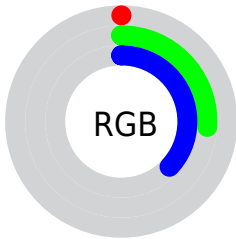
Format	Color
R_{YB}	0, 39, 94
Decimal	17246
CIE _{Lab}	26.22, -7.68, -21.21
CIE _{LCh}	26, 22.559, 250.099
Yxy	4.8226, 0.1998, 0.2392
Android (android.graphics.Color)	4278207326 (0xFF00435E)
YUV	50.0450, 21.6698, -43.8895
Hunter-Lab	21.9601, -5.6929, -15.1590

Details

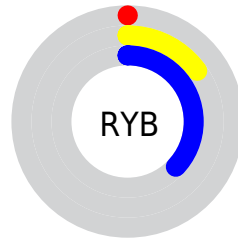
The HunterLab color **21.9601, -5.6929, -15.1590** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.7874, 19.1310, 11.2947**, and the grayscale version is **17.8169, -0.9507, 0.9680**.

A 20% lighter version of the original color is **39.3244, -7.5918, -16.2902**, and **9.5324, -0.1819, -11.5220** is the 20% darker color. If you saturate the color by 10%, you get **21.9597, -5.6922, -15.1599**, and if you desaturate by 10%, it is **22.8295, -6.2552, -13.5445**.

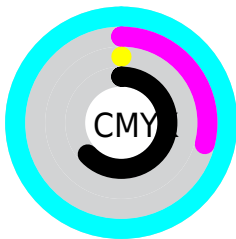
Distribution



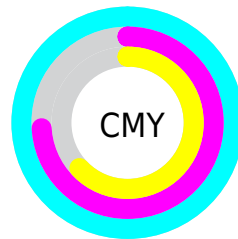
- Red (0%)
- Green (26%)
- Blue (37%)



- Red (0%)
- Yellow (15%)
- Blue (37%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (74%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9601, -5.6929, -15.1590 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 21.9601, -5.6929, -15.1590 by changing the saturation by 10% instead.

■ 21.9601, -5.6929,
-15.1590

■ 21.9601, -5.6929,
-15.1590

■ 121.6957,
-14.7333, -17.4093

■ 14.6409, -4.6782,
-14.6883

■ 39.2864, -7.6609,
-16.0758

■ 8.3004, -4.4745,
-14.6973

■ 49.1280, -8.6409,
-16.4510

0.0000, NaN, -NF

■ 59.6768, -9.6268,
-16.7615

0.0000, NaN, NaN

■ 70.8882, -10.6221,
-17.0079

0.0000, NaN, NaN

■ 82.7252, -11.6291,
-17.1929

0.0000, NaN, NaN

■ 95.1563, -12.6493,

0.0000, NaN, NaN

0.0000, NaN, NaN

-17.3194

0.0000, NaN, NaN

■ 108.1544,
-13.6838, -17.3905

■ 21.9601, -5.6929,
-15.1590

■ 21.9601, -5.6929,
-15.1590

■ 21.9597, -5.6922,
-15.1599

■ 22.8295, -6.2552,
-13.5445

■ 23.7307, -6.7127,
-11.9528

■ 24.7061, -6.9089,
-10.3107

■ 25.7555, -6.8454,
-8.6275

■ 26.8771, -6.5319,
-6.9136

■ 28.0681, -5.9830,
-5.1788

■ 29.3253, -5.2156,
-3.4317

■ 30.6450, -4.2480,
-1.6795

■ 32.0237, -3.0983,
0.0722

Harmonies

Analogous

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



21.9605, -10.7976, -9.1009



21.9601, -5.6929, -15.1590



21.9605, 1.3098, -16.1408

Triad

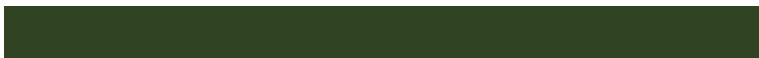
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.9605, -5.6927, -15.1586



21.9605, 14.1991, 3.3832



21.9605, -9.4033, 9.0758

Complementary

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



21.9601, -5.6929, -15.1590



17.7874, 19.1310, 11.2947

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.



21.9605, -3.5500, 10.6147



21.9601, -5.6929, -15.1590



21.9605, 10.4613, 8.1028

Square

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



21.9605, -5.6927, -15.1586



21.9605, 13.4316, -3.7806



21.9605, 3.7447, 10.3276



21.9605, -12.7408, 5.2249

Rectangle

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



21.9601, -5.6929, -15.1590



21.9605, 6.2160, -13.5369



21.9605, 3.7447, 10.3276



21.9605, -7.6981, 9.8139

Sweetspot

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



21.9605, -5.6927, -15.1586



38.6446, -7.0086, -4.7587



28.4306, -23.4060, 14.9920



18.6919, -3.5763, -2.6384



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.



21.9605, -5.6927, -15.1586



28.7584, -7.0939, -20.6319



11.4969, 15.2375, -47.2610



15.8722, -1.4547, 0.1382



25.6685, -6.4589, -18.1404



58.7449, -13.1623, -45.0124

Inverse Universe

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



16.6887, 31.0056, -8.0397



22.0429, 40.8886, -10.0932



26.8863, -0.3074, 16.5613



15.4019, 0.7636, 0.1088



19.6083, 36.3961, -9.1614



45.7121, 84.5521, -19.0556

Previews

White Background



This preview shows how the HunterLab color 21.9601, -5.6929, -15.1590 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 21.9601, -5.6929, -15.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

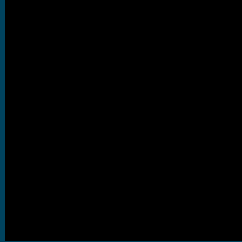
Any Text WCAG AA × Fail

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 21.9601, -5.6929, -15.1590 Background



This preview shows how black text looks on a background with the HunterLab color 21.9601, -5.6929, -15.1590.



This preview shows how white text looks on a background with the HunterLab color 21.9601, -5.6929, -15.1590.

-15.1590.

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

21.9601, -5.6929, -15.1590

Protanopia

22.2883, 1.7548, -11.9664

Deuteranopia

22.0812, 1.4572, -15.4381



Tritanopia

22.1095, -10.7563, -4.4152

Trichromacy



Original Color

21.9601, -5.6929, -15.1590

Protanomaly

21.8225, -2.3510, -13.4851

Deuteranomaly

21.8381, -1.9711, -15.9716

Tritanomaly

22.0577, -9.0548, -8.0235

Monochromacy



Original Color

21.9601, -5.6929, -15.1590

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.7850, -4.4316, -4.7704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9601, -5.6929, -15.1590 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, 67, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 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, 67, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9601, -5.6929, -15.1590 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, 67, 94) }
```


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

```
.border{ border-color:rgb(0, 67, 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, 67, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 94); box-shadow:4px  
4px 4px 4px rgb(0, 67, 94) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.9601, -5.6929, -15.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 94) }
```

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

```
.background{ background-color: rgb(0, 67,  
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](#).

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