

Converting Colors

HunterLab(21.9826, -0.1580,
-15.6576)

Have a look what the booklet for
HunterLab(21.9826, -0.1580,
-15.6576) contains.

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Color

**HunterLab(21.9826, -0.1580,
-15.6576)**

Conversions

Conversions Part 1

Format	Color
Hex	283F5F
RGB	40, 63, 95
RGB Percent	16%, 25%, 37%
CMY	0.8431, 0.7529, 0.6274
CMYK	0.58, 0.34, 0.00, 0.63
HSL	215°, 41%, 26%
HSV	215°, 58%, 37%
XYZ	4.7181, 4.8323, 11.5105
YIQ	59.7710, -23.9800, 5.0760

Conversions

Conversions Part 2

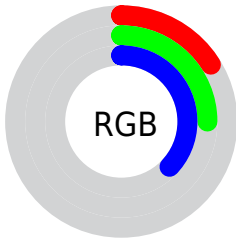
Format	Color
R_{YB}	40, 56, 95
Decimal	2637663
CIE _{Lab}	26.25, 1.64, -21.72
CIE _{LCh}	26, 21.781, 274.316
Yxy	4.8325, 0.2240, 0.2294
Android (android.graphics.Color)	4280827743 (0xFF283F5F)
YUV	59.7710, 17.3679, -17.3392
Hunter-Lab	21.9826, -0.1580, -15.6576




Details

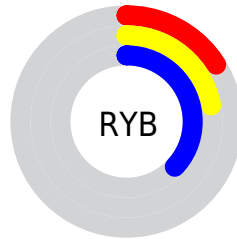
The HunterLab color $[21.9826, -0.1580, -15.6576]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[26.8722, 2.2608, 12.1683]$, and the grayscale version is $[21.1267, -1.1273, 1.1479]$.




A 20% lighter version of the original color is $[39.2439, -0.5375, -16.9126]$, and $[8.7068, 1.6263, -14.3934]$ is the 20% darker color. If you saturate the color by 10%, you get $[20.2068, 0.8774, -19.3001]$, and if you desaturate by 10%, it is $[23.8542, -0.9192, -12.2269]$.

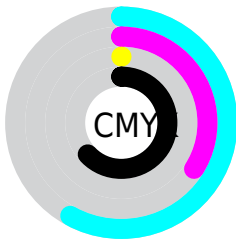
Distribution







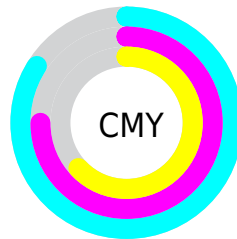
-  Red (16%)
-  Green (25%)
-  Blue (37%)






-  Red (16%)
-  Yellow (22%)
-  Blue (37%)



-  Cyan (58%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (84%)
-  Magenta (75%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9826, -0.1580, -15.6576 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 21.9826, -0.1580, -15.6576 by changing the saturation by 10% instead.

■ 21.9826, -0.1580,
-15.6576

■ 21.9826, -0.1580,
-15.6576

■ 121.7355, -4.7151,
-18.0374

■ 14.6606, 0.1073,
-15.1873

■ 39.3138, -0.8699,
-16.5953

■ 8.3196, 0.4142,
-15.2164

■ 49.1575, -1.3016,
-16.9850

0.0000, NaN, -NF

■ 59.7082, -1.7774,
-17.3108

0.0000, NaN, NaN

■ 70.9215, -2.2937,
-17.5731

0.0000, NaN, NaN

■ 82.7603, -2.8478,
-17.7739

0.0000, NaN, NaN

■ 95.1930, -3.4373,

0.0000, NaN, NaN

-17.9163

0.0000, NaN, NaN

108.1927, -4.0603,
-18.0031

■ 21.9826, -0.1580,
-15.6576

■ 21.9826, -0.1580,
-15.6576

■ 20.2068, 0.8774,
-19.3001

■ 23.8542, -0.9192,
-12.2269

■ 18.5388, 2.2243,
-23.1627

■ 25.8092, -1.4430,
-8.9930

■ 16.9933, 3.9146,
-27.2345

■ 27.8385, -1.7628,
-5.9352

■ 15.5484, 5.8517,
-31.6013

■ 29.9341, -1.9075,
-3.0321

■ 15.2493, 6.2666,
-32.5880

■ 32.0893, -1.9018,
-0.2638

■ 34.2983, -1.7666,
2.3882

■ 36.5566, -1.5192,
4.9401

■ 38.8598, -1.1742,
7.4062

■ 41.2047, -0.7435,
9.7986

Harmonies

Analogous

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



21.9830, -6.6782, -13.6437



21.9826, -0.1580, -15.6576



21.9830, 6.8898, -12.1271

Triad

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



21.9830, -0.1579, -15.6571



21.9830, 11.0057, 7.2312



21.9830, -11.9804, 6.0295

Complementary

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



21.9826, -0.1580, -15.6576



26.8722, 2.2608, 12.1683

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.



21.9830, -8.2208, 9.3276



21.9826, -0.1580, -15.6576



21.9830, 4.9312, 9.8549

Square

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



21.9830, -0.1579, -15.6571



21.9830, 13.8238, 2.1332



21.9830, -2.1722, 10.4815



21.9830, -12.9895, 0.2168

Rectangle

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



21.9826, -0.1580, -15.6576



21.9830, 10.7849, -7.5988



21.9830, -2.1722, 10.4815



21.9830, -11.0215, 7.4021

Sweetspot

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



21.9830, -0.1579, -15.6571



39.2827, -2.4995, -3.8245



30.1542, -16.6003, 6.5134



19.0701, -1.2184, -2.0845



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.



21.9830, -0.1579, -15.6571



25.7400, 1.6580, -26.8213



16.9475, 10.8817, -27.2427



16.3376, -0.9784, -0.2755



17.8908, 8.0913, -39.8287



39.2847, 23.3235, -99.4512

Inverse Universe

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



20.7595, 18.4901, -0.3156



24.5642, 29.5733, 0.3303



32.5252, -8.4997, 16.2332



16.1425, 0.6356, 0.6039



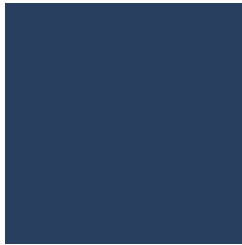
19.1375, 33.8426, 4.0799



44.0425, 77.5236, 12.1852

Previews

White Background



This preview shows how the HunterLab color 21.9826, -0.1580, -15.6576 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 21.9826, -0.1580, -15.6576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

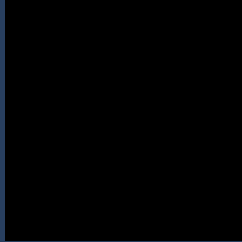
Any Text WCAG AA × Fail

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 21.9826, -0.1580, -15.6576 Background



This preview shows how black text looks on a background with the HunterLab color 21.9826, -0.1580, -15.6576.



This preview shows how white text looks on a background with the HunterLab color 21.9826, -0.1580,

-15.6576.

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

21.9826, -0.1580, -15.6576

Protanopia

21.9809, 2.2161, -14.3501

Deuteranopia

21.9758, 1.1023, -15.6488



Tritanopia

21.8784, -7.4895, -3.7316

Trichromacy



Original Color

21.9826, -0.1580, -15.6576

Protanomaly

22.0403, 1.2375, -14.8842

Deuteranomaly

21.8748, 0.7606, -15.8519

Tritanomaly

21.9786, -5.2203, -7.5481

Monochromacy



Original Color

21.9826, -0.1580, -15.6576

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.3902, -1.2197, -4.3126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9826, -0.1580, -15.6576 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(40, 63, 95)` looks like.

```
.text, #text, p{  
    color:rgb(40, 63, 95)  
}
```

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(40, 63, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 63, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9826, -0.1580, -15.6576 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(40, 63, 95) }
```


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

```
.border{ border-color:rgb(40, 63, 95) }
```

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

Here you see how a box with a 4 pixel rgb(40, 63, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 63, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 63, 95);  
box-shadow:4px 4px 4px 4px rgb(40, 63, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9826, -0.1580, -15.6576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 63, 95) }
```

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

```
.background{ background-color: rgb(40, 63,  
95) }
```

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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