

Converting Colors

HunterLab(34.8504, -1.2157,
-19.3830)

Have a look what the booklet for
HunterLab(34.8504, -1.2157,
-19.3830) contains.

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Color

**HunterLab(34.7825, -1.0942,
-19.5728)**

Conversions

Conversions Part 1

Format	Color
Hex	47638A
RGB	71, 99, 138
RGB Percent	28%, 39%, 54%
CMY	0.7216, 0.6118, 0.4588
CMYK	0.49, 0.28, 0.00, 0.46
HSL	215°, 32%, 41%
HSV	215°, 49%, 54%
XYZ	11.6478, 12.0982, 25.7660
YIQ	95.0740, -29.2070, 6.1930

Conversions

Conversions Part 2

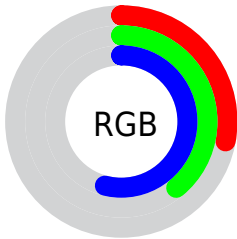
Format	Color
R_{YB}	71, 91, 138
Decimal	4678538
CIE Lab	41.37, 1.06, -24.79
CIE LCh	41, 24.812, 272.453
Yxy	12.0987, 0.2353, 0.2444
Android (android.graphics.Color)	4282868618 (0xFF47638A)
YUV	95.0740, 21.1625, -21.1129
Hunter-Lab	34.7825, -1.0942, -19.5728

Details

The HunterLab color **34.7825, -1.0942, -19.5728** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **41.2438, 2.2413, 16.8832**, and the grayscale version is **33.7880, -1.8028, 1.8358**.

A 20% lighter version of the original color is **54.6163, -2.1419, -20.5198**, and **18.3574, -0.3710, -18.5135** is the 20% darker color. If you saturate the color by 10%, you get **31.9181, 0.2066, -24.9938**, and if you desaturate by 10%, it is **37.7884, -1.9955, -14.4764**.

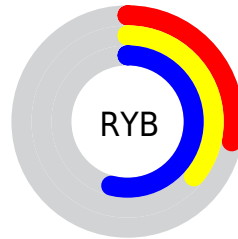
Distribution



Red (28%)

Green (39%)

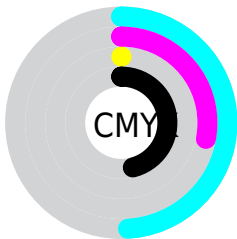
Blue (54%)



Red (28%)

Yellow (36%)

Blue (54%)

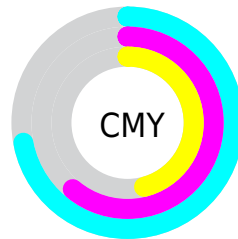


Cyan (49%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (72%)

Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7825, -1.0942, -19.5728 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 34.7825, -1.0942, -19.5728 by changing the saturation by 10% instead.

■ 34.7825, -1.0942,
-19.5728

■ 34.7825, -1.0942,
-19.5728

■ 143.1983, -6.4278,
-21.9870

■ 26.0977, -0.6995,
-19.0460

■ 54.4745, -2.0238,
-20.5077

■ 18.2870, -0.3591,
-18.5434

■ 65.3695, -2.5506,
-20.8907

■ 11.4626, -0.0823,
-18.2336

■ 76.9073, -3.1147,
-21.2135

■ 3.8980, 0.9790,
-31.2305

■ 89.0538, -3.7140,
-21.4773

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.7800, -4.3465,
-21.6842

0.0000, NaN, NaN

115.0606, -5.0105,

0.0000, NaN, NaN

-21.8365

0.0000, NaN, NaN

128.8732, -5.7047,
-21.9366

■ 34.7825, -1.0942,
-19.5728

■ 34.7825, -1.0942,
-19.5728

■ 31.9181, 0.2066,
-24.9938

■ 37.7884, -1.9955,
-14.4764

■ 29.2130, 1.9698,
-30.7656

■ 40.9172, -2.5550,
-9.6734

■ 26.6909, 4.2567,
-36.8910

■ 44.1555, -2.8232,
-5.1275

■ 24.3768, 7.1137,
-43.3375

■ 47.4916, -2.8429,
-0.8042

■ 22.2691, 10.4706,
-50.1128

■ 50.9157, -2.6499,
3.3279

■ 21.9729, 10.9720,
-51.1495

■ 54.4198, -2.2740,
7.2966

■ 57.9968, -1.7396,
11.1258

■ 61.6410, -1.0674,
14.8363

■ 65.3473, -0.2743,
18.4458

Harmonies

Analogous

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



34.7831, -9.6972, -16.6668



34.7825, -1.0942, -19.5728



34.7831, 8.1961, -15.5956

Triad

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



34.7831, -1.0943, -19.5720



34.7831, 14.4355, 9.7948



34.7831, -16.2472, 8.8363

Complementary

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



34.7825, -1.0942, -19.5728



41.2438, 2.2413, 16.8832

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.



34.7831, -10.8854, 13.3466



34.7825, -1.0942, -19.5728



34.7831, 6.7440, 13.7900

Square

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



34.7831, -1.0943, -19.5720



34.7831, 17.7267, 2.6088



34.7831, -2.6148, 14.8977



34.7831, -17.8846, 1.1623

Rectangle

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



34.7825, -1.0942, -19.5728



34.7831, 13.3753, -10.0581



34.7831, -2.6148, 14.8977



34.7831, -14.8503, 10.6967

Sweetspot

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



34.7831, -1.0943, -19.5720



60.0395, -3.7903, -4.9244



45.4095, -22.6814, 8.7053



28.0565, -1.7858, -2.8321



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



34.7831, -1.0943, -19.5720



42.1208, 0.4153, -33.6974



28.0298, 13.2254, -33.3578



22.8327, -1.3752, -0.5114



21.1053, 10.3607, -48.7455



2.3967, -0.3904, -2.1529

Inverse Universe

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



32.8801, 23.8210, -0.6089



39.8321, 39.0694, -0.3934



48.6438, -11.7970, 22.5011



22.5411, 1.0495, 0.8168



22.8777, 40.4018, 5.3017



1.9386, 3.5608, -0.6150

Previews

White Background



This preview shows how the HunterLab color 34.7825, -1.0942, -19.5728 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 × Fail

Black Background



This preview shows how the HunterLab color 34.7825, -1.0942, -19.5728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

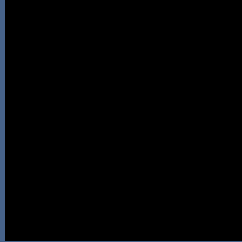
Any Text WCAG AA × Fail

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 34.7825, -1.0942, -19.5728 Background



This preview shows how black text looks on a background with the HunterLab color 34.7825, -1.0942, -19.5728.

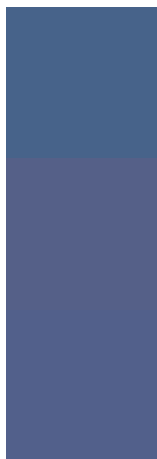


This preview shows how white text looks on a background with the HunterLab color 34.7825, -1.0942, -19.5728.

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

34.7825, -1.0942, -19.5728

Protanopia

34.7485, 2.7496, -18.2831

Deuteranopia

34.6752, 2.7533, -20.3506



Tritanopia

34.8242, -10.0701, -4.8166

Trichromacy



Original Color

34.7825, -1.0942, -19.5728

Protanomaly

34.7290, 1.4073, -18.9802

Deuteranomaly

34.6889, 1.4385, -20.3486

Tritanomaly

34.7008, -6.9754, -9.6469

Monochromacy



Original Color

34.7825, -1.0942, -19.5728

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.8997, -1.9834, -5.4488

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7825, -1.0942, -19.5728 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(71, 99, 138)` looks like.

```
.text, #text, p{  
    color:rgb(71, 99, 138)  
}
```

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(71, 99, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 99, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7825, -1.0942, -19.5728 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(71, 99, 138) }
```


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

```
.border{ border-color:rgb(71, 99, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 99, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 99, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 99, 138);  
box-shadow:4px 4px 4px 4px rgb(71, 99,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.7825, -1.0942, -19.5728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 99, 138) }
```

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

```
.background{ background-color: rgb(71, 99,  
138) }
```

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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