

Converting Colors

HunterLab(33.4825, -1.7329,
-19.3371)

Have a look what the booklet for
HunterLab(33.4825, -1.7329,
-19.3371) contains.

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Color

**HunterLab(33.4825, -1.7329,
-19.3371)**

Conversions

Conversions Part 1

Format	Color
Hex	416086
RGB	65, 96, 134
RGB Percent	25%, 38%, 53%
CMY	0.7451, 0.6235, 0.4745
CMYK	0.51, 0.28, 0.00, 0.47
HSL	213°, 35%, 39%
HSV	213°, 51%, 53%
XYZ	10.6659, 11.2108, 24.1560
YIQ	91.0630, -30.6740, 5.2460

Conversions

Conversions Part 2

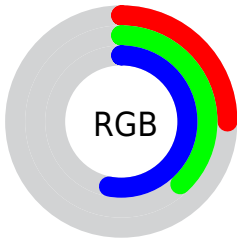
Format	Color
R_{YB}	65, 86, 134
Decimal	4284550
CIE _{Lab}	39.93, 0.08, -24.64
CIE _{LCh}	40, 24.637, 270.182
Yxy	11.2112, 0.2317, 0.2435
Android (android.graphics.Color)	4282474630 (0xFF416086)
YUV	91.0630, 21.1679, -22.8573
Hunter-Lab	33.4825, -1.7329, -19.3371

Details

The HunterLab color **33.4825, -1.7329, -19.3371** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38.9243, 3.5879, 16.4294**, and the grayscale version is **32.3008, -1.7235, 1.7550**.

A 20% lighter version of the original color is **52.8465, -2.6863, -20.2293**, and **17.2047, -0.8926, -18.3188** is the 20% darker color. If you saturate the color by 10%, you get **30.8590, -0.5561, -24.3289**, and if you desaturate by 10%, it is **36.2416, -2.5150, -14.6104**.

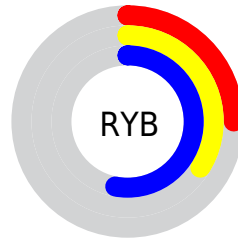
Distribution



Red (25%)

Green (38%)

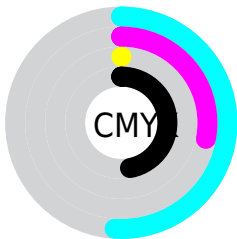
Blue (53%)



Red (25%)

Yellow (34%)

Blue (53%)

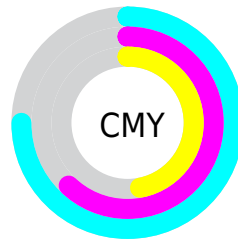


Cyan (51%)

Magenta (28%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4825, -1.7329, -19.3371 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 33.4825, -1.7329, -19.3371 by changing the saturation by 10% instead.

■ 33.4825, -1.7329,
-19.3371

■ 33.4825, -1.7329,
-19.3371

■ 141.1066, -7.4471,
-21.7837

■ 24.9180, -1.2806,
-18.8107

■ 52.9623, -2.7642,
-20.2795

■ 17.2413, -0.8764,
-18.3199

■ 63.7617, -3.3368,
-20.6669

■ 10.5710, -0.5268,
-18.0619

■ 75.2092, -3.9444,
-20.9940

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 87.2701, -4.5849,
-21.2618

0.0000, NaN, NaN

■ 99.9146, -5.2567,
-21.4722

0.0000, NaN, NaN

113.1168, -5.9585,

0.0000, NaN, NaN

-21.6277

0.0000, NaN, NaN

126.8542, -6.6890,
-21.7307

■ 33.4825, -1.7329,
-19.3371

■ 33.4825, -1.7329,
-19.3371

■ 30.8590, -0.5561,
-24.3289

■ 36.2416, -2.5150,
-14.6104

■ 28.3867, 1.0710,
-29.5979

■ 39.1194, -2.9553,
-10.1305

■ 26.0856, 3.1997,
-35.1343

■ 42.1033, -3.1016,
-5.8716

■ 23.9754, 5.8634,
-40.9000

■ 45.1825, -2.9949,
-1.8079

■ 22.3029, 8.4270,
-46.0682

■ 48.3476, -2.6704,
2.0856

■ 51.5906, -2.1574,
5.8316

■ 54.9049, -1.4807,
9.4504

■ 58.2846, -0.6609,
12.9596

■ 61.7249, 0.2848,
16.3748

Harmonies

Analogous

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



33.4831, -10.0153, -15.9719



33.4825, -1.7329, -19.3371



33.4831, 7.4246, -15.8932

Triad

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



33.4831, -1.7329, -19.3364



33.4831, 14.6346, 9.1275



33.4831, -15.5979, 9.0580

Complementary

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



33.4825, -1.7329, -19.3371



38.9243, 3.5879, 16.4294

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.



33.4831, -10.1017, 13.2134



33.4825, -1.7329, -19.3371



33.4831, 7.3186, 13.2454

Square

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



33.4831, -1.7329, -19.3364



33.4831, 17.4668, 1.8753



33.4831, -1.8438, 14.5171



33.4831, -17.4843, 1.7698

Rectangle

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



33.4825, -1.7329, -19.3371



33.4831, 12.6653, -10.6157



33.4831, -1.8438, 14.5171



33.4831, -14.1422, 10.7901

Sweetspot

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



33.4831, -1.7329, -19.3364



58.3901, -4.0662, -4.4423



43.7637, -22.9466, 9.1980



27.3681, -1.9429, -2.5650



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



33.4831, -1.7329, -19.3364



40.3301, -0.3812, -33.5756



25.9759, 13.7024, -35.2344



22.0534, -1.4101, -0.4176



21.6390, 8.0567, -44.4389



1.7452, -0.3534, -1.4185

Inverse Universe

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



31.1350, 24.8224, -1.4544



37.4607, 40.7619, -1.4905



47.1397, -11.4197, 22.5567



21.7277, 1.0247, 0.7140



22.4936, 39.8985, 3.8567



1.3772, 2.5407, -0.5233

Previews

White Background



This preview shows how the HunterLab color 33.4825, -1.7329, -19.3371 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 33.4825, -1.7329, -19.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

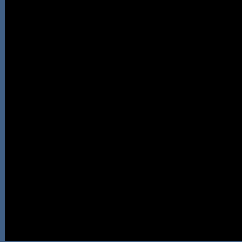
Any Text WCAG AA × Fail

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 33.4825, -1.7329, -19.3371 Background



This preview shows how black text looks on a background with the HunterLab color 33.4825, -1.7329, -19.3371.



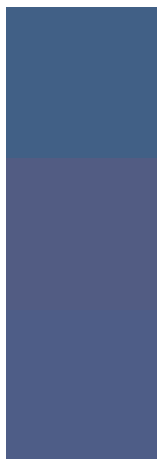
This preview shows how white text looks on a background with the HunterLab color 33.4825, -1.7329,

-19.3371.

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

33.4825, -1.7329, -19.3371

Protanopia

33.2969, 2.8633, -17.6678

Deuteranopia

33.4629, 2.4074, -19.9510



Tritanopia

33.5877, -10.4099, -5.0250

Trichromacy



Original Color

33.4825, -1.7329, -19.3371

Protanomaly

33.2132, 1.3159, -18.4803

Deuteranomaly

33.4233, 0.9155, -20.0498

Tritanomaly

33.4550, -7.3500, -9.8891

Monochromacy



Original Color

33.4825, -1.7329, -19.3371

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.6865, -2.3303, -5.1307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4825, -1.7329, -19.3371 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(65, 96, 134)` looks like.

```
.text, #text, p{  
    color:rgb(65, 96, 134)  
}
```

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(65, 96, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 96, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4825, -1.7329, -19.3371 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(65, 96, 134) }
```


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

```
.border{ border-color:rgb(65, 96, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 96, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 96, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 96, 134);  
box-shadow:4px 4px 4px 4px rgb(65, 96,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4825, -1.7329, -19.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 96, 134) }
```

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

```
.background{ background-color: rgb(65, 96,  
134) }
```

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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