

Converting Colors

HunterLab(33.4820, 18.5669,
-74.7250)

Have a look what the booklet for
HunterLab(33.4820, 18.5669,
-74.7250) contains.

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Color

**HunterLab(33.4820, 18.5669,
-74.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	2756C7
RGB	39, 86, 199
RGB Percent	15%, 34%, 78%
CMY	0.8470, 0.6627, 0.2196
CMYK	0.80, 0.57, 0.00, 0.22
HSL	222°, 67%, 47%
HSV	222°, 80%, 78%
XYZ	14.4733, 11.2104, 55.4339
YIQ	84.8290, -64.2850, 25.1790

Conversions

Conversions Part 2

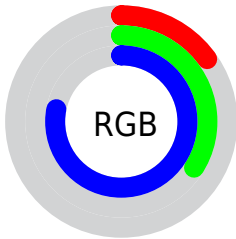
Format	Color
R_{YB}	39, 75, 199
Decimal	2578119
CIE _{Lab}	39.93, 25.91, -63.26
CIE _{LCh}	40, 68.364, 292.275
Yxy	11.2107, 0.1784, 0.1382
Android (android.graphics.Color)	4280768199 (0xFF2756C7)
YUV	84.8290, 56.2863, -40.1920
Hunter-Lab	33.4820, 18.5669, -74.7250

Details

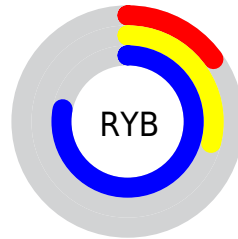
The HunterLab color **33.4820, 18.5669, -74.7250** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **58.9492, 3.2755, 34.4498**, and the grayscale version is **29.8970, -1.5952, 1.6244**.

A 20% lighter version of the original color is **52.8464, 19.8936, -73.2313**, and **19.1561, 21.1003, -69.4928** is the 20% darker color. If you saturate the color by 10%, you get **29.8172, 25.0060, -88.6312**, and if you desaturate by 10%, it is **37.6507, 13.1426, -61.6578**.

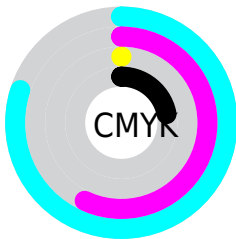
Distribution



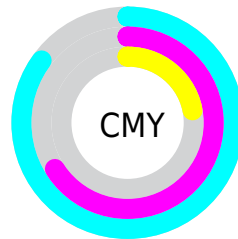
- Red (15%)
- Green (34%)
- Blue (78%)



- Red (15%)
- Yellow (29%)
- Blue (78%)



- Cyan (80%)
- Magenta (57%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (66%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4820, 18.5669, -74.7250 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 33.4820, 18.5669, -74.7250 by changing the saturation by 10% instead.

■ 33.4820, 18.5669,
-74.7250

■ 33.4820, 18.5669,
-74.7250

■ 141.1055, 23.2862,
-79.7548

■ 24.9174, 17.5358,
-76.1862

■ 52.9615, 20.2480,
-74.4893

■ 17.2407, 16.3542,
-79.8238

■ 63.7608, 20.9242,
-74.9742

■ 10.5705, 15.0228,
-88.7011

■ 75.2083, 21.5067,
-75.6411

0.0000, INF, -NF

■ 87.2691, 22.0048,
-76.4102

0.0000, NaN, -NF

■ 99.9135, 22.4259,
-77.2322

0.0000, NaN, -NF

■ 113.1157, 22.7764,

0.0000, NaN, NaN

-78.0761

0.0000, NaN, NaN

126.8531, 23.0617,
-78.9215

■ 33.4820, 18.5669,
-74.7250

■ 33.4820, 18.5669,
-74.7250

■ 29.8172, 25.0060,
-88.6312

■ 37.6507, 13.1426,
-61.6578

■ 26.8227, 31.8824,
-102.3509

■ 42.2346, 8.7060,
-49.6759

■ 47.1615, 5.1410,
-38.7781

■ 52.3742, 2.3081,
-28.8548

■ 57.8284, 0.0775,
-19.7638

■ 63.4899, -1.6607,
-11.3658

■ 69.3318, -2.9957,
-3.5377

■ 75.3330, -3.9988,
3.8237

■ 81.4768, -4.7263,
10.8034

Harmonies

Analogous

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



33.4824, -8.0396, -83.2215



33.4820, 18.5669, -74.7250



33.4824, 45.6474, -40.2694

Triad

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



33.4824, 18.5683, -74.7241



33.4824, 33.2067, 21.6054



33.4824, -37.4788, 7.4316

Complementary

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



33.4820, 18.5669, -74.7250



58.9492, 3.2755, 34.4498

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.



33.4824, -32.0787, 19.5134



33.4820, 18.5669, -74.7250



33.4824, 4.9581, 23.3007

Square

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



33.4824, 18.5683, -74.7241



33.4824, 55.6899, 14.9844



33.4824, -18.2073, 22.7459



33.4824, -35.7985, -20.7038

Rectangle

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



33.4820, 18.5669, -74.7250



33.4824, 57.7938, -15.4107



33.4824, -18.2073, 22.7459



33.4824, -36.5049, 13.0146

Sweetspot

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



33.4824, 18.5683, -74.7241



81.0165, -1.3571, -19.3382



65.9646, -42.7898, 13.5805



36.2320, -0.2363, -10.8152

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.4824, 18.5683, -74.7241



36.5166, 39.7357, -130.4124



26.2974, 46.5250, -104.8039



32.8431, -1.4612, -1.3019



21.8166, 24.6808, -80.5476



5.9433, 2.4450, -12.7067

Inverse Universe

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



37.7704, 56.5821, 10.4444



47.0022, 80.5811, 20.2800



70.1495, -29.3073, 41.0894



32.6915, 1.5403, 1.6306



28.3204, 49.2511, 12.4749



6.2664, 11.0982, 1.2060

Previews

White Background



This preview shows how the HunterLab color 33.4820, 18.5669, -74.7250 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 33.4820, 18.5669, -74.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

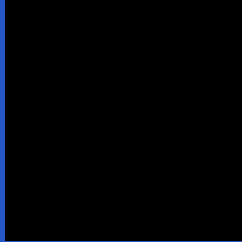
Any Text WCAG AA × Fail

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 33.4820, 18.5669, -74.7250 Background



This preview shows how black text looks on a background with the HunterLab color 33.4820, 18.5669, -74.7250.



This preview shows how white text looks on a background with the HunterLab color 33.4820, 18.5669, -74.7250.

-74.7250.

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

33.4820, 18.5669, -74.7250

Protanopia

33.2775, 11.8188, -67.1073

Deuteranopia

33.2902, 0.5863, -42.8755



Tritanopia

33.2390, -16.1757, -6.6271

Trichromacy



Original Color

33.4820, 18.5669, -74.7250

Protanomaly

33.3664, 13.7820, -69.8915

Deuteranomaly

33.0484, 6.6771, -54.1416

Tritanomaly

32.5974, -5.4970, -27.2757

Monochromacy



Original Color

33.4820, 18.5669, -74.7250

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.3847, 2.0386, -19.7577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4820, 18.5669, -74.7250 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(39, 86, 199)` looks like.

```
.text, #text, p{  
    color:rgb(39, 86, 199)  
}
```

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(39, 86, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 86, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4820, 18.5669, -74.7250 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(39, 86, 199) }
```


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

```
.border{ border-color:rgb(39, 86, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 86, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 86, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 86, 199);  
box-shadow:4px 4px 4px 4px rgb(39, 86,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4820, 18.5669, -74.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 86, 199) }
```

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

```
.background{ background-color: rgb(39, 86,  
199) }
```

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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