

Converting Colors

HunterLab(34.4997, 21.0794,
-77.6327)

Have a look what the booklet for
HunterLab(34.4997, 21.0794,
-77.6327) contains.

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Color

**HunterLab(34.4997, 21.0794,
-77.6327)**

Conversions

Conversions Part 1

Format	Color
Hex	3257CD
RGB	50, 87, 205
RGB Percent	20%, 34%, 80%
CMY	0.8039, 0.6588, 0.1961
CMYK	0.76, 0.58, 0.00, 0.20
HSL	226°, 61%, 50%
HSV	226°, 76%, 80%
XYZ	15.7430, 11.9023, 59.2253
YIQ	89.3890, -59.9300, 28.8540

Conversions

Conversions Part 2

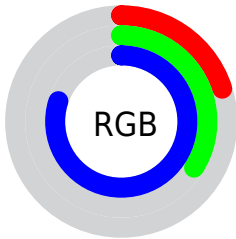
Format	Color
R_{YB}	50, 80, 205
Decimal	3299277
CIE _{Lab}	41.06, 28.64, -64.88
CIE _{LCh}	41, 70.921, 293.821
Yxy	11.9026, 0.1812, 0.1370
Android (android.graphics.Color)	4281489357 (0xFF3257CD)
YUV	89.3890, 56.9962, -34.5442
Hunter-Lab	34.4997, 21.0794, -77.6327

Details

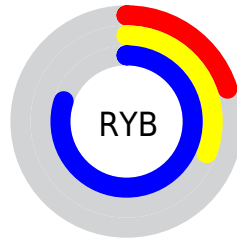
The HunterLab color **34.4997, 21.0794, -77.6327** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **64.2024, -1.8164, 36.7414**, and the grayscale version is **31.5639, -1.6842, 1.7149**.

A 20% lighter version of the original color is **53.5536, 20.6915, -71.3800**, and **19.8236, 22.6568, -73.6873** is the 20% darker color. If you saturate the color by 10%, you get **30.3860, 28.0036, -93.4851**, and if you desaturate by 10%, it is **39.1812, 15.2302, -62.9910**.

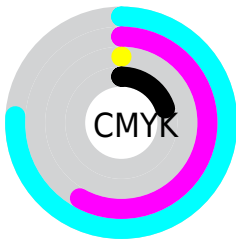
Distribution



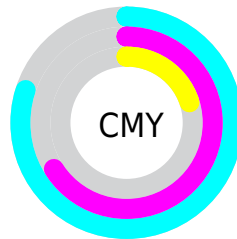
- Red (20%)
- Green (34%)
- Blue (80%)



- Red (20%)
- Yellow (31%)
- Blue (80%)



- Cyan (76%)
- Magenta (58%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (66%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.4997, 21.0794, -77.6327 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 34.4997, 21.0794, -77.6327 by changing the saturation by 10% instead.

■ 34.4997, 21.0794, -77.6327

■ 34.4997, 21.0794, -77.6327

142.7443, 26.7111, -82.6133

■ 25.8406, 19.9370, -79.1355

■ 54.1457, 22.9809, -77.3343

■ 18.0587, 18.6477, -82.7883

■ 65.0201, 23.7639, -77.8030

■ 11.2675, 17.2222, -91.4859

■ 76.5384, 24.4505, -78.4620

■ 3.4270, 36.2364, -195.0210

■ 88.6664, 25.0500, -79.2299

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 101.3750, 25.5697, -80.0561

0.0000, NaN, -NF

114.6386, 26.0163,

0.0000, NaN, NaN

-80.9083

0.0000, NaN, NaN

128.4350, 26.3952,
-81.7655

■ 34.4997, 21.0794,
-77.6327

■ 34.4997, 21.0794,
-77.6327

■ 30.3860, 28.0036,
-93.4851

■ 39.1812, 15.2302,
-62.9910

■ 26.9694, 35.7751,
-109.7316

■ 44.3173, 10.4069,
-49.7814

■ 25.6866, 39.2346,
-116.8022

■ 49.8216, 6.4672,
-37.9215

■ 55.6289, 3.2532,
-27.2239

■ 61.6902, 0.6246,
-17.4865

■ 67.9687, -1.5333,
-8.5279

■ 74.4360, -3.3114,
-0.1964

■ 81.0701, -4.7809,
7.6304

■ 87.8534, -5.9972,
15.0506

Harmonies

Analogous

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



34.5001, -7.1257, -88.5273



34.4997, 21.0794, -77.6327



34.5001, 49.2779, -40.3716

Triad

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



34.5001, 21.0808, -77.6317



34.5001, 33.4238, 22.5221



34.5001, -39.1301, 6.6708

Complementary

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



34.4997, 21.0794, -77.6327



64.2024, -1.8164, 36.7414

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.



34.5001, -33.9383, 19.9280



34.4997, 21.0794, -77.6327



34.5001, 3.7786, 24.1157

Square

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



34.5001, 21.0808, -77.6317



34.5001, 57.7710, 16.2171



34.5001, -20.0032, 23.4394



34.5001, -37.0188, -23.7885

Rectangle

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



34.4997, 21.0794, -77.6327



34.5001, 61.4954, -14.4200



34.5001, -20.0032, 23.4394



34.5001, -38.2475, 12.7839

Sweetspot

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



34.5001, 21.0808, -77.6317



80.7882, 0.1122, -19.6487



68.6322, -41.9423, 10.2855



36.0364, 0.5619, -11.1016

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.5001, 21.0808, -77.6317



35.9127, 42.2767, -133.3232



29.6681, 45.8942, -96.3412



33.5730, -1.2491, -1.5336



20.5715, 29.9798, -90.4304



5.8286, 3.6726, -15.2132

Inverse Universe

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



39.9369, 55.4295, 12.1930



47.3557, 78.9546, 21.4608



72.1302, -31.7282, 41.4093



33.5512, 1.5117, 1.8895



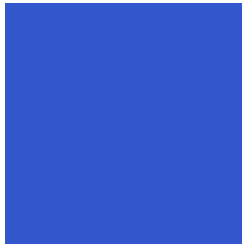
28.6883, 49.6532, 14.4793



6.6094, 11.6215, 1.9247

Previews

White Background



This preview shows how the HunterLab color 34.4997, 21.0794, -77.6327 looks on a white background.

Color Contrast Check

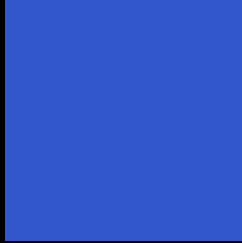
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4997, 21.0794, -77.6327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

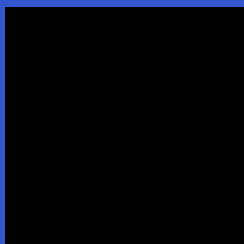
Any Text WCAG AA × Fail

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 34.4997, 21.0794, -77.6327 Background



This preview shows how black text looks on a background with the HunterLab color 34.4997, 21.0794, -77.6327.



This preview shows how white text looks on a background with the HunterLab color 34.4997, 21.0794, -77.6327.

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

34.4997, 21.0794, -77.6327

Protanopia

34.4382, 12.2584, -69.5071

Deuteranopia

34.3889, 0.6408, -44.3665



Tritanopia

34.2495, -16.7054, -6.7468

Trichromacy



Original Color

34.4997, 21.0794, -77.6327

Protanomaly

34.3233, 14.9046, -72.9804

Deuteranomaly

34.2519, 7.2284, -56.3160

Tritanomaly

33.6891, -5.5840, -27.9191

Monochromacy



Original Color

34.4997, 21.0794, -77.6327

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.8025, 3.2129, -20.3792

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.4997, 21.0794, -77.6327 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(50, 87, 205)` looks like.

```
.text, #text, p{  
    color:rgb(50, 87, 205)  
}
```

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(50, 87, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 87, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 34.4997, 21.0794, -77.6327 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(50, 87, 205) }
```


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

```
.border{ border-color:rgb(50, 87, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 87, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 87, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 87, 205);  
box-shadow:4px 4px 4px 4px rgb(50, 87,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.4997, 21.0794, -77.6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 87, 205) }
```

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

```
.background{ background-color: rgb(50, 87,  
205) }
```

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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