

Converting Colors

HunterLab(32.3428, 0.8999,
-57.9112)

Have a look what the booklet for
HunterLab(32.3428, 0.8999,
-57.9112) contains.

HunterLab(33.8217, 5.3521, -53.8278)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.8217, 5.3521,
-53.8278)**

Conversions

Conversions Part 1

Format	Color
Hex	005FB3
RGB	0, 95, 179
RGB Percent	0%, 37%, 70%
CMY	0.9999, 0.6274, 0.2980
CMYK	1.00, 0.47, 0.00, 0.30
HSL	208°, 100%, 35%
HSV	208°, 100%, 70%
XYZ	12.2289, 11.4391, 44.2112
YIQ	76.1710, -83.5840, 5.9840

Conversions

Conversions Part 2

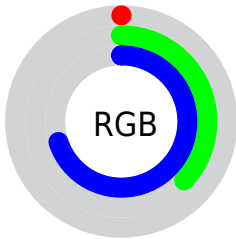
Format	Color
R_{YB}	0, 62, 179
Decimal	24499
CIE _{Lab}	40.31, 9.70, -51.01
CIE _{LCh}	40, 51.927, 280.768
Y _{xy}	11.4394, 0.1802, 0.1685
Android (android.graphics.Color)	4278214579 (0xFF005FB3)
YUV	76.1710, 50.6947, -66.8020
Hunter-Lab	33.8217, 5.3521, -53.8278

Details

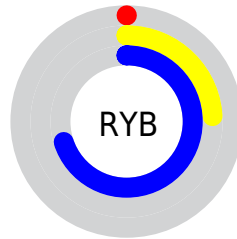
The HunterLab color **33.8217, 5.3521, -53.8278** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **39.9123, 27.4877, 25.0735**, and the grayscale version is **26.7941, -1.4297, 1.4558**.

A 20% lighter version of the original color is **53.4081, 5.2454, -54.2516**, and **19.3955, 10.6219, -47.1724** is the 20% darker color. If you saturate the color by 10%, you get **33.8175, 5.3602, -53.8400**, and if you desaturate by 10%, it is **36.2813, 1.8207, -47.3062**.

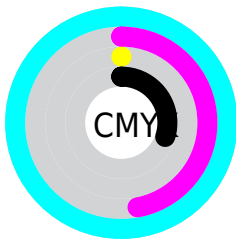
Distribution



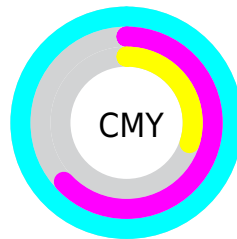
- Red (0%)
- Green (37%)
- Blue (70%)



- Red (0%)
- Yellow (24%)
- Blue (70%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (63%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8217, 5.3521, -53.8278 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 33.8217, 5.3521, -53.8278 by changing the saturation by 10% instead.

■ 33.8217, 5.3521,
-53.8278

■ 33.8217, 5.3521,
-53.8278

■ 141.6537, 3.6971,
-59.7419

■ 25.2254, 5.2010,
-54.0261

■ 53.3572, 5.3989,
-54.7031

■ 17.5133, 4.9396,
-55.3204

■ 64.1817, 5.3150,
-55.3920

■ 10.8023, 4.5403,
-59.3098

■ 75.6530, 5.1701,
-56.1362

■ 1.8552, 22.6889,
-214.2617

■ 87.7364, 4.9700,
-56.8962

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.4023, 4.7192,
-57.6484

0.0000, NaN, NaN

■ 113.6251, 4.4214,

0.0000, NaN, NaN

-58.3786

0.0000, NaN, NaN

127.3822, 4.0798,
-59.0782

■ 33.8217, 5.3521,
-53.8278

■ 33.8217, 5.3521,
-53.8278

■ 33.8175, 5.3602,
-53.8400

■ 36.2813, 1.8207,
-47.3062

■ 38.9510, -1.1150,
-40.9355

■ 41.8497, -3.3506,
-34.6921

■ 44.9617, -4.9170,
-28.6199

■ 48.2689, -5.8690,
-22.7455

■ 51.7532, -6.2703,
-17.0786

■ 55.3977, -6.1852,
-11.6170

■ 59.1872, -5.6736,
-6.3506

■ 63.1082, -4.7894,
-1.2647

Harmonies

Analogous

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



33.8222, -13.1027, -50.7545



33.8217, 5.3521, -53.8278



33.8222, 25.7588, -36.8913

Triad

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



33.8222, 5.3531, -53.8269



33.8222, 30.8494, 17.6585



33.8222, -30.0286, 11.4673

Complementary

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



33.8217, 5.3521, -53.8278



39.9123, 27.4877, 25.0735

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.



33.8222, -22.6523, 19.0778



33.8217, 5.3521, -53.8278



33.8222, 11.1995, 21.0272

Square

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



33.8222, 5.3531, -53.8269



33.8222, 42.5103, 7.7543



33.8222, -8.4160, 21.3418



33.8222, -30.9153, -5.3805

Rectangle

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



33.8217, 5.3521, -53.8278



33.8222, 36.7055, -20.1253



33.8222, -8.4160, 21.3418



33.8222, -28.3184, 14.8702

Sweetspot

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



33.8222, 5.3531, -53.8269



73.8754, -8.2983, -15.9246



57.3356, -45.2223, 25.9596



33.8061, -3.9570, -8.9169



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



33.8222, 5.3531, -53.8269



44.7529, 8.1234, -73.4733



18.3988, 47.3782, -125.2662



29.9194, -2.2279, -0.4410



28.6577, 4.0768, -44.6204



6.1154, -1.0195, -5.4429

Inverse Universe

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



32.2657, 57.8106, 0.9996



43.1249, 77.1765, 2.1009



62.8366, -14.6842, 38.4616



29.2884, 1.6368, 0.6524



27.1463, 48.6876, 0.4970



4.9349, 9.0682, -1.5939

Previews

White Background



This preview shows how the HunterLab color 33.8217, 5.3521, -53.8278 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 33.8217, 5.3521, -53.8278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

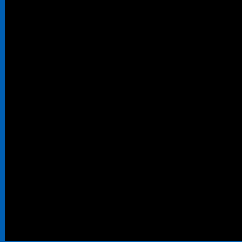
Any Text WCAG AA × Fail

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 33.8217, 5.3521, -53.8278 Background



This preview shows how black text looks on a background with the HunterLab color 33.8217, 5.3521, -53.8278.



This preview shows how white text looks on a background with the HunterLab color 33.8217, 5.3521, -53.8278.

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

33.8217, 5.3521, -53.8278

Protanopia

33.9009, 9.2750, -50.7838

Deuteranopia

33.8403, 1.5997, -45.7507



Tritanopia

33.8791, -16.7240, -6.2435

Trichromacy



Original Color

33.8217, 5.3521, -53.8278

Protanomaly

33.6305, 7.2051, -52.4821

Deuteranomaly

33.7385, 2.9946, -48.6347

Tritanomaly

33.5862, -9.9057, -20.5963

Monochromacy



Original Color

33.8217, 5.3521, -53.8278

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

28.2969, -3.5157, -15.3593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8217, 5.3521, -53.8278 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(0, 95, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 179)  
}
```

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(0, 95, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8217, 5.3521, -53.8278 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(0, 95, 179) }
```


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

```
.border{ border-color:rgb(0, 95, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 179)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8217, 5.3521, -53.8278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 179) }
```

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

```
.background{ background-color: rgb(0, 95,  
179) }
```

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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