

Converting Colors

HunterLab(32.5559, 37.5524,
-73.3096)

Have a look what the booklet for
HunterLab(32.5559, 37.5524,
-73.3096) contains.

HunterLab(32.6517, 37.3149, -72.9779)	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(32.6517, 37.3149,
-72.9779)**

Conversions

Conversions Part 1

Format	Color
Hex	6642C3
RGB	102, 66, 195
RGB Percent	40%, 26%, 76%
CMY	0.6000, 0.7412, 0.2353
CMYK	0.48, 0.66, 0.00, 0.24
HSL	257°, 52%, 51%
HSV	257°, 66%, 76%
XYZ	17.2780, 10.6613, 52.7770
YIQ	91.4700, -19.9530, 47.7510

Conversions

Conversions Part 2

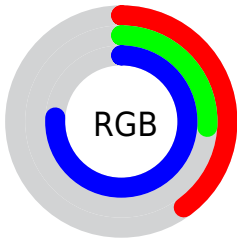
Format	Color
R_{YB}	102, 66, 195
Decimal	6701763
CIE _{Lab}	39.00, 46.15, -62.27
CIE _{LCh}	39, 77.510, 306.546
Yxy	10.6617, 0.2141, 0.1321
Android (android.graphics.Color)	4284891843 (0xFF6642C3)
YUV	91.4700, 51.0403, 9.2348
Hunter-Lab	32.6517, 37.3149, -72.9779

Details

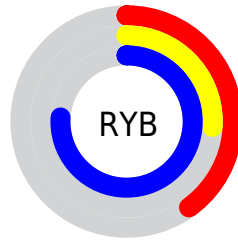
The HunterLab color $32.6517, 37.3149, -72.9779$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as dark muted purple. A complement of this color would be $68.4064, -28.9143, 37.1781$, and the grayscale version is $32.3413, -1.7257, 1.7572$.

A 20% lighter version of the original color is $52.0156, 40.9964, -73.1551$, and $16.5694, 33.5845, -77.9824$ is the 20% darker color. If you saturate the color by 10%, you get $28.2941, 44.2740, -89.9804$, and if you desaturate by 10%, it is $37.7273, 30.2555, -57.3617$.

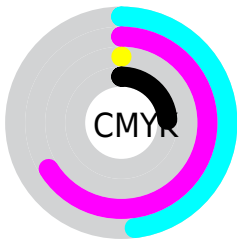
Distribution



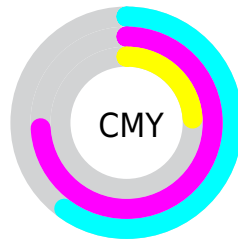
- Red (40%)
- Green (26%)
- Blue (76%)



- Red (40%)
- Yellow (26%)
- Blue (76%)



- Cyan (48%)
- Magenta (66%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (74%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.6517, 37.3149, -72.9779 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 32.6517, 37.3149, -72.9779 by changing the saturation by 10% instead.

32.6517, 37.3149,
-72.9779

32.6517, 37.3149,
-72.9779

139.7610, 49.0392,
-77.9963

24.1657, 35.4888,
-74.4478

51.9931, 40.6526,
-72.7526

16.5768, 33.6238,
-78.1527

62.7303, 42.1477,
-73.2416

10.0079, 31.9534,
-87.3575

74.1191, 43.5327,
-73.9099

0.0000, INF, -NF

0.0000, NaN, -NF

86.1243, 44.8142,
-74.6776

0.0000, NaN, -NF

98.7157, 45.9994,
-75.4959

0.0000, NaN, -NF

111.8671, 47.0947,

0.0000, NaN, NaN

-76.3340

0.0000, NaN, NaN

125.5556, 48.1062,
-77.1719

■ 32.6517, 37.3149,
-72.9779

■ 32.6517, 37.3149,
-72.9779

■ 28.2941, 44.2740,
-89.9804

■ 37.7273, 30.2555,
-57.3617

■ 24.8505, 50.3053,
-106.9889

■ 43.3574, 23.4508,
-43.4753

■ 22.4909, 54.1741,
-121.2990

■ 49.4231, 16.9963,
-31.1856

■ 21.7629, 55.3739,
-126.2796

■ 55.8388, 10.8754,
-20.2230

■ 62.5431, 5.0364,
-10.3176

■ 69.4913, -0.5772,
-1.2407

■ 76.6499, -6.0155,
7.1893

■ 83.9936, -11.3200,
15.1134

■ 91.5026, -16.5238,
22.6400

Harmonies

Analogous

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



32.6522, 4.6833, -102.5485



32.6517, 37.3149, -72.9779



32.6522, 64.5420, -26.2116

Triad

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



32.6522, 37.3156, -72.9766



32.6522, 22.8171, 22.8565



32.6522, -40.0883, -4.6805

Complementary

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



32.6517, 37.3149, -72.9779



68.4064, -28.9143, 37.1781

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.



32.6522, -38.1329, 16.3824



32.6517, 37.3149, -72.9779



32.6522, -7.7097, 22.8565

Square

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



32.6522, 37.3156, -72.9766



32.6522, 54.3734, 20.0054



32.6522, -28.2073, 22.2244



32.6522, -34.9328, -46.4070

Rectangle

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



32.6517, 37.3149, -72.9779



32.6522, 72.1125, -1.4927



32.6522, -28.2073, 22.2244



32.6522, -40.2045, 4.7406

Sweetspot

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



32.6522, 37.3156, -72.9766



79.9287, 9.9472, -19.1670



55.1804, -16.4310, -21.7610



36.2026, 5.7055, -10.7561

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



32.6522, 37.3156, -72.9766



35.8261, 62.7752, -129.8568



39.7810, 52.8575, -51.5117



31.4341, 0.5627, -1.9057



17.6496, 44.7346, -101.0675



4.1274, 9.7490, -18.1137

Inverse Universe

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



42.4284, 54.9571, -18.7279



52.2959, 84.7283, -26.0357



64.7426, -43.4545, 34.4131



31.9343, 2.0987, -0.0320



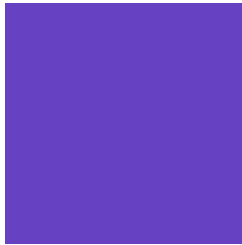
29.6603, 55.0307, -13.6749



6.2557, 11.7605, -4.0769

Previews

White Background



This preview shows how the HunterLab color 32.6517, 37.3149, -72.9779 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 32.6517, 37.3149, -72.9779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

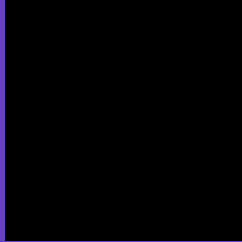
Any Text WCAG AA × Fail

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 32.6517, 37.3149, -72.9779 Background



This preview shows how black text looks on a background with the HunterLab color 32.6517, 37.3149, -72.9779.



This preview shows how white text looks on a background with the HunterLab color 32.6517, 37.3149, -72.9779.

-72.9779.

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

32.6517, 37.3149, -72.9779

Protanopia

32.7607, 11.0054, -64.7054

Deuteranopia

32.5792, 0.6485, -42.1212



Tritanopia

32.7437, -5.2346, -2.6767

Trichromacy



Original Color

32.6517, 37.3149, -72.9779

Protanomaly

31.6163, 18.0653, -71.5576

Deuteranomaly

31.2889, 11.2687, -56.4036

Tritanomaly

31.7752, 8.7260, -23.7295

Monochromacy



Original Color

32.6517, 37.3149, -72.9779

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.7056, 10.3799, -19.1196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.6517, 37.3149, -72.9779 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(102, 66, 195)` looks like.

```
.text, #text, p{  
    color:rgb(102, 66, 195)  
}
```

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(102, 66, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 66, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 32.6517, 37.3149, -72.9779 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(102, 66, 195) }
```


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

```
.border{ border-color:rgb(102, 66, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 66, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 66, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 66, 195);  
box-shadow:4px 4px 4px 4px rgb(102, 66,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.6517, 37.3149, -72.9779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 66, 195) }
```

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

```
.background{ background-color: rgb(102, 66,  
195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor