

Converting Colors

HunterLab(33.7061, 22.7194,
-90.5068)

Have a look what the booklet for
HunterLab(33.7061, 22.7194,
-90.5068) contains.

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Color

HunterLab(33.7502, 22.7093,
-90.5660)

Conversions

Conversions Part 1

Format	Color
Hex	0655D6
RGB	6, 85, 214
RGB Percent	2%, 33%, 84%
CMY	0.9763, 0.6667, 0.1608
CMYK	0.97, 0.60, 0.00, 0.16
HSL	217°, 94%, 43%
HSV	217°, 97%, 84%
XYZ	15.4612, 11.3908, 65.0021
YIQ	76.0850, -88.4930, 23.3710

Conversions

Conversions Part 2

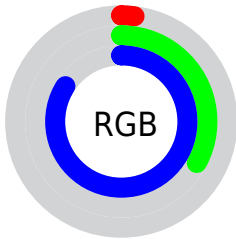
Format	Color
R _Y B	6, 63, 214
Decimal	415190
CIE Lab	40.23, 30.57, -71.45
CIE LCh	40, 77.718, 293.163
Yxy	11.3910, 0.1683, 0.1240
Android (android.graphics.Color)	4278605270 (0xFF0655D6)
YUV	76.0850, 67.9921, -61.4645
Hunter-Lab	33.7502, 22.7093, -90.5660

Details

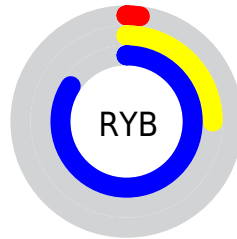
The HunterLab color **33.7502, 22.7093, -90.5660** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **56.2603, 17.1476, 34.7844**, and the grayscale version is **26.7062, -1.4250, 1.4510**.

A 20% lighter version of the original color is **52.1663, 19.1767, -75.0467**, and **20.3090, 25.9795, -81.4668** is the 20% darker color. If you saturate the color by 10%, you get **32.8274, 24.6495, -94.2427**, and if you desaturate by 10%, it is **37.2574, 16.2230, -77.9984**.

Distribution



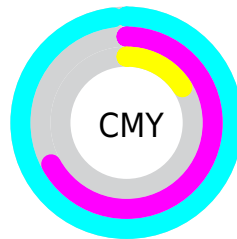
- Red (2%)
- Green (33%)
- Blue (84%)



- Red (2%)
- Yellow (25%)
- Blue (84%)



- Cyan (97%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)



- Cyan (98%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7502, 22.7093, -90.5660 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 33.7502, 22.7093, -90.5660 by changing the saturation by 10% instead.

■ 33.7502, 22.7093,
-90.5660

■ 33.7502, 22.7093,
-90.5660

■ 141.5382, 29.1017,
-94.0798

■ 25.1604, 21.4696,
-93.1697

■ 53.2738, 24.8012,
-89.2114

■ 17.4558, 20.0857,
-98.8167

■ 64.0930, 25.6744,
-89.4327

■ 10.7534, 18.5854,
-111.6787

■ 75.5593, 26.4481,
-89.9453

■ 1.6004, 83.1489,
-494.6590

■ 87.6379, 27.1314,
-90.6353

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.2993, 27.7322,
-91.4323

0.0000, NaN, -NF

113.5178, 28.2572,

0.0000, NaN, -NF

-92.2907

0.0000, NaN, NaN

127.2708, 28.7121,
-93.1800

■ 33.7502, 22.7093,
-90.5660

■ 33.7502, 22.7093,
-90.5660

■ 32.8274, 24.6495,
-94.2427

■ 37.2574, 16.2230,
-77.9984

■ 41.2234, 10.7443,
-65.9104

■ 45.5958, 6.3075,
-54.5196

■ 50.3176, 2.8292,
-43.9079

■ 55.3389, 0.1880,
-34.0580

■ 60.6182, -1.7411,
-24.9025

■ 66.1214, -3.0713,
-16.3559

■ 71.8208, -3.8996,
-8.3315

■ 77.6940, -4.3062,
-0.7495

Harmonies

Analogous

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



33.7506, -8.1131, -102.5833



33.7502, 22.7093, -90.5660



33.7506, 54.5633, -47.0953

Triad

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



33.7506, 22.7112, -90.5652



33.7506, 37.9772, 22.7456



33.7506, -40.9292, 7.4988

Complementary

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



33.7502, 22.7093, -90.5660



56.2603, 17.1476, 34.7844

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.



33.7506, -35.5416, 20.5726



33.7502, 22.7093, -90.5660



33.7506, 5.0084, 23.6254

Square

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



33.7506, 22.7112, -90.5652



33.7506, 65.2362, 16.6319



33.7506, -20.8512, 23.6254



33.7506, -38.9824, -25.9553

Rectangle

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



33.7502, 22.7093, -90.5660



33.7506, 68.7540, -17.1371



33.7506, -20.8512, 23.6254



33.7506, -39.9986, 13.7632

Sweetspot

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



33.7506, 22.7112, -90.5652



79.1910, -3.4566, -22.0959



70.6128, -51.6657, 23.5809



35.2958, -1.2863, -12.2893

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.7506, 22.7112, -90.5652



39.6666, 30.9660, -116.4265



22.9503, 58.9860, -149.1782



35.7403, -1.9883, -1.1329



25.8833, 18.2805, -71.8143



7.4919, 2.0099, -13.7031

Inverse Universe

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



38.8374, 67.3296, 11.9901



47.0314, 82.3702, 16.2239



76.8247, -29.3058, 46.6919



35.3526, 1.8348, 1.4014



30.0352, 52.7016, 9.5991



7.4832, 13.3336, 0.8169

Previews

White Background



This preview shows how the HunterLab color 33.7502, 22.7093, -90.5660 looks on a white background.

Color Contrast Check

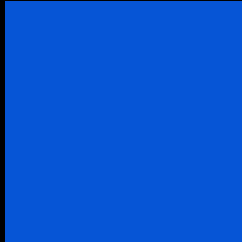
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7502, 22.7093, -90.5660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

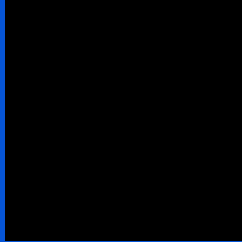
Any Text WCAG AA × Fail

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 33.7502, 22.7093, -90.5660 Background



This preview shows how black text looks on a background with the HunterLab color 33.7502, 22.7093, -90.5660.



This preview shows how white text looks on a background with the HunterLab color 33.7502, 22.7093, -90.5660.

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

33.7502, 22.7093, -90.5660

Protanopia

33.6637, 11.9650, -67.9056

Deuteranopia

33.5649, 0.1124, -42.1957



Tritanopia

33.5423, -16.5472, -6.2042

Trichromacy



Original Color

33.7502, 22.7093, -90.5660

Protanomaly

33.7264, 15.8161, -76.0835

Deuteranomaly

33.5567, 7.6967, -58.3427

Tritanomaly

32.9945, -5.0579, -30.1030

Monochromacy



Original Color

33.7502, 22.7093, -90.5660

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.9323, 1.7764, -24.6551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7502, 22.7093, -90.5660 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(6, 85, 214)` looks like.

```
.text, #text, p{  
    color:rgb(6, 85, 214)  
}
```

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(6, 85, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 85, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7502, 22.7093, -90.5660 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(6, 85, 214) }
```


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

```
.border{ border-color:rgb(6, 85, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 85, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 85, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 85, 214);  
box-shadow:4px 4px 4px 4px rgb(6, 85, 214)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.7502, 22.7093, -90.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 85, 214) }
```

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

```
.background{ background-color: rgb(6, 85,  
214) }
```

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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