

Converting Colors

HunterLab(36.7810, 19.7022,
-75.2773)

Have a look what the booklet for
HunterLab(36.7810, 19.7022,
-75.2773) contains.

HunterLab(36.7810, 19.7022, -75.2773)	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(36.7810, 19.7022,
-75.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	395ED2
RGB	57, 94, 210
RGB Percent	22%, 37%, 82%
CMY	0.7764, 0.6314, 0.1765
CMYK	0.73, 0.55, 0.00, 0.18
HSL	225°, 63%, 52%
HSV	225°, 73%, 82%
XYZ	17.3229, 13.5284, 62.6710
YIQ	96.1610, -59.2880, 28.2320

Conversions

Conversions Part 2

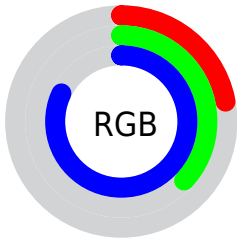
Format	Color
R_{YB}	57, 87, 210
Decimal	3759826
CIE _{Lab}	43.55, 26.81, -63.70
CIE _{LCh}	44, 69.108, 292.827
Yxy	13.5288, 0.1852, 0.1447
Android (android.graphics.Color)	4281949906 (0xFF395ED2)
YUV	96.1610, 56.1226, -34.3442
Hunter-Lab	36.7810, 19.7022, -75.2773

Details

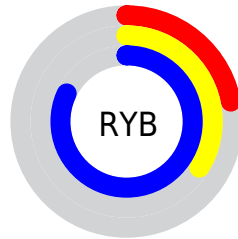
The HunterLab color **36.7810, 19.7022, -75.2773** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **66.2485, -2.0614, 37.3203**, and the grayscale version is **34.0754, -1.8182, 1.8514**.

A 20% lighter version of the original color is **56.0156, 17.3014, -65.3186**, and **21.2831, 20.8847, -71.6861** is the 20% darker color. If you saturate the color by 10%, you get **32.3855, 26.5013, -91.2072**, and if you desaturate by 10%, it is **41.7235, 14.0156, -60.6888**.

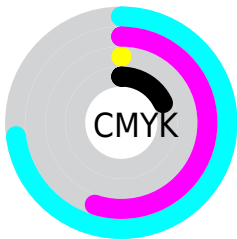
Distribution



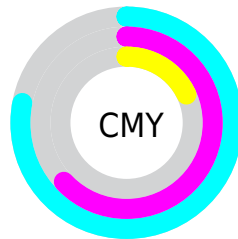
- Red (22%)
- Green (37%)
- Blue (82%)



- Red (22%)
- Yellow (34%)
- Blue (82%)



- Cyan (73%)
- Magenta (55%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (63%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7810, 19.7022, -75.2773 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 36.7810, 19.7022, -75.2773 by changing the saturation by 10% instead.

■ 36.7810, 19.7022,
-75.2773

■ 36.7810, 19.7022,
-75.2773

■ 146.3828, 24.4767,
-80.7900

■ 27.9171, 18.6789,
-76.3174

■ 56.7896, 21.3809,
-75.3790

■ 19.9078, 17.5103,
-79.0477

■ 67.8277, 22.0608,
-75.9324

■ 12.8569, 16.1910,
-85.5700

■ 79.5007, 22.6493,
-76.6388

■ 6.2685, 18.7027,
-114.5663

■ 91.7758, 23.1549,
-77.4300

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.6247, 23.5849,
-78.2637

0.0000, NaN, -NF

118.0229, 23.9452,

0.0000, NaN, -NF

-79.1126

0.0000, NaN, NaN

131.9487, 24.2410,
-79.9587

■ 36.7810, 19.7022,
-75.2773

■ 36.7810, 19.7022,
-75.2773

■ 32.3855, 26.5013,
-91.2072

■ 41.7235, 14.0156,
-60.6888

■ 28.6652, 34.2822,
-107.8511

■ 47.1048, 9.3493,
-47.5563

■ 26.4595, 40.0929,
-119.6212

■ 52.8433, 5.5469,
-35.7528

■ 58.8772, 2.4494,
-25.0778

■ 65.1604, -0.0802,
-15.3299

■ 71.6577, -2.1527,
-6.3321

■ 78.3420, -3.8556,
2.0614

■ 85.1923, -5.2572,
9.9685

■ 92.1916, -6.4108,
17.4829

Harmonies

Analogous

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



36.7815, -8.0489, -84.4136



36.7810, 19.7022, -75.2773



36.7815, 47.4307, -40.3489

Triad

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



36.7815, 19.7035, -75.2762



36.7815, 33.7137, 23.3801



36.7815, -39.8045, 7.4999

Complementary

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



36.7810, 19.7022, -75.2773



66.2485, -2.0614, 37.3203

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.



36.7815, -34.1272, 20.7880



36.7810, 19.7022, -75.2773



36.7815, 4.5429, 25.0125

Square

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



36.7815, 19.7035, -75.2762



36.7815, 56.9736, 16.1691



36.7815, -19.5476, 24.4634



36.7815, -37.8462, -21.8798

Rectangle

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



36.7810, 19.7022, -75.2773



36.7815, 59.6423, -15.1545



36.7815, -19.5476, 24.4634



36.7815, -38.7960, 13.5319

Sweetspot

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



36.7815, 19.7035, -75.2762



81.6502, -0.2714, -18.3913



70.6631, -42.4286, 10.1557



36.7672, 0.2411, -9.9947

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.7815, 19.7035, -75.2762



37.8523, 37.8484, -124.2018



31.6658, 45.1645, -93.8612



34.4605, -1.2945, -1.5743



20.9832, 30.2974, -91.6307



6.1061, 4.0427, -16.3592

Inverse Universe

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



41.7578, 55.4305, 11.6656



48.0008, 77.7606, 19.8576



74.2507, -31.9880, 42.1009



34.4303, 1.5670, 1.9267



29.1818, 50.5159, 14.6610



6.9924, 12.2838, 2.1218

Previews

White Background



This preview shows how the HunterLab color 36.7810, 19.7022, -75.2773 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 36.7810, 19.7022, -75.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

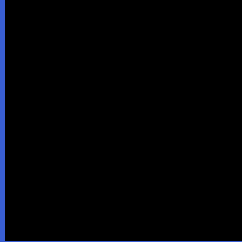
Any Text WCAG AA × Fail

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 36.7810, 19.7022, -75.2773 Background



This preview shows how black text looks on a background with the HunterLab color 36.7810, 19.7022, -75.2773.



This preview shows how white text looks on a background with the HunterLab color 36.7810, 19.7022, -75.2773.

-75.2773.

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

36.7810, 19.7022, -75.2773

Protanopia

36.5903, 14.0230, -76.0064

Deuteranopia

36.6597, 1.0529, -48.0943



Tritanopia

36.6603, -17.7529, -7.4988

Trichromacy



Original Color

36.7810, 19.7022, -75.2773

Protanomaly

36.5540, 15.2202, -76.1059

Deuteranomaly

36.4315, 7.1782, -58.5843

Tritanomaly

36.0665, -6.6971, -28.1506

Monochromacy



Original Color

36.7810, 19.7022, -75.2773

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.3284, 2.7762, -19.6745

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7810, 19.7022, -75.2773 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(57, 94, 210)` looks like.

```
.text, #text, p{  
    color:rgb(57, 94, 210)  
}
```

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(57, 94, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 94, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7810, 19.7022, -75.2773 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(57, 94, 210) }
```


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

```
.border{ border-color:rgb(57, 94, 210) }
```

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

Here you see how a box with a 4 pixel rgb(57, 94, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 94, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 94, 210);  
box-shadow:4px 4px 4px 4px rgb(57, 94,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7810, 19.7022, -75.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 94, 210) }
```

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

```
.background{ background-color: rgb(57, 94,  
210) }
```

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