

Converting Colors

HunterLab(39.0309, -21.3716,
23.6765)

Have a look what the booklet for
HunterLab(39.0309, -21.3716,
23.6765) contains.

HunterLab(39.0793, -21.4164, 23.7056)	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(39.0793,
-21.4164, 23.7056)**

Conversions

Conversions Part 1

Format	Color
Hex	537800
RGB	83, 120, 0
RGB Percent	33%, 47%, 0%
CMY	0.6745, 0.5294, 1.0000
CMYK	0.31, 0.00, 1.00, 0.53
HSL	79°, 100%, 24%
HSV	79°, 100%, 47%
XYZ	10.2837, 15.2719, 2.4057
YIQ	95.2570, 16.4680, -45.1640

Conversions

Conversions Part 2

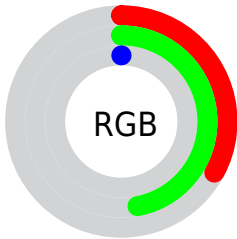
Format	Color
RYB	0, 120, 37
Decimal	5470208
CIELab	46.01, -29.01, 50.78
CIELCh	46, 58.483, 119.735
Yxy	15.2726, 0.3678, 0.5462
Android (android.graphics.Color)	4283660288 (0xFF537800)
YUV	95.2570, -46.9617, -10.7494
Hunter-Lab	39.0793, -21.4164, 23.7056

Details

The HunterLab color $39.0793, -21.4164, 23.7056$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $13.2278, 32.9022, -70.9227$, and the grayscale version is $34.0899, -1.8190, 1.8522$.

A 20% lighter version of the original color is $59.5653, -26.3424, 31.5618$, and $21.9038, -15.3646, 13.2281$ is the 20% darker color. If you saturate the color by 10%, you get $39.0800, -21.4179, 23.7060$, and if you desaturate by 10%, it is $39.3344, -20.3433, 23.3570$.

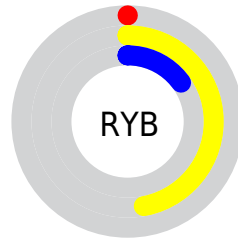
Distribution



Red (33%)

Green (47%)

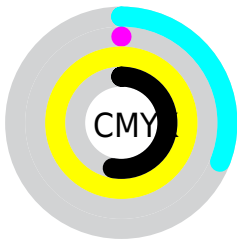
Blue (0%)



Red (0%)

Yellow (47%)

Blue (15%)

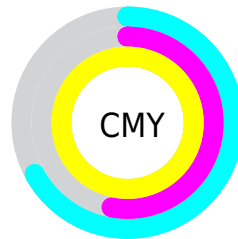


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0793, -21.4164, 23.7056 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 39.0793, -21.4164, 23.7056 by changing the saturation by 10% instead.

■ 39.0793, -21.4164,
23.7056

■ 39.0793, -21.4164,
23.7056

150.0034,
-40.3388, 54.2538

■ 30.0182, -18.9262,
19.4529

■ 59.4396, -26.0202,
31.5094

■ 21.7906, -16.2379,
15.2534

■ 70.6370, -28.1935,
35.1157

■ 14.4926, -13.2515,
10.1448

■ 82.4607, -30.3073,
38.5684

■ 8.1537, -14.2689,
5.7076

■ 94.8792, -32.3743,
41.8924

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.8651,
-34.4042, 45.1080


0.0000, NaN, NaN


■ 121.3948,


0.0000, NaN, NaN


-36.4045, 48.2316


0.0000, NaN, NaN


 135.4472,
-38.3812, 51.2765


 39.0793, -21.4164,
23.7056


 39.0793, -21.4164,
23.7056


 39.0800, -21.4179,
23.7060

 39.3344, -20.3433,
23.3570

 39.6149, -19.1427,
22.7815

 39.9325, -17.7530,
21.8164

 40.2898, -16.1636,
20.4272

 40.6887, -14.3683,
18.5898

■ 41.1304, -12.3648,
16.2882

■ 41.6160, -10.1533,
13.5138

■ 42.1459, -7.7370,
10.2639

■ 42.7205, -5.1206,
6.5410

Harmonies

Analogous

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



39.0802, -1.8861, 25.0115



39.0793, -21.4164, 23.7056



39.0802, -33.0231, 17.7702

Triad

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



39.0802, -21.4174, 23.7058



39.0802, -21.6935, -53.1922



39.0802, 51.6562, 1.9355

Complementary

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



39.0793, -21.4164, 23.7056



13.2278, 32.9022, -70.9227

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.



39.0802, 43.0584, -25.0225



39.0793, -21.4164, 23.7056



39.0802, -2.2881, -66.0567

Square

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



39.0802, -21.4174, 23.7058



39.0802, -33.1551, -24.4854



39.0802, 21.9289, -53.6075



39.0802, 43.3428, 17.5954

Rectangle

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



39.0793, -21.4164, 23.7056



39.0802, -36.3561, 8.8094



39.0802, 21.9289, -53.6075



39.0802, 50.6250, -5.9934

Sweetspot

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



39.0802, -21.4174, 23.7058



55.1404, -13.6916, 18.2156



22.9245, 25.1102, 14.5651



26.7338, -7.1643, 9.5059



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



39.0802, -21.4174, 23.7058



51.7574, -28.6805, 31.3906



36.9159, -30.3029, 22.2166



21.3890, -2.4368, 3.0901



40.8081, -22.4072, 24.7535



88.8661, -49.9776, 53.8839

Inverse Universe

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



13.2278, 32.9022, -70.9227



17.3570, 43.4653, -95.3017



19.6042, 40.4883, -40.9543



19.8695, 0.2931, -1.0097



13.7899, 34.3434, -74.2490



29.4450, 74.3909, -166.7493

Previews

White Background



This preview shows how the HunterLab color 39.0793, -21.4164, 23.7056 looks on a white background.

Color Contrast Check

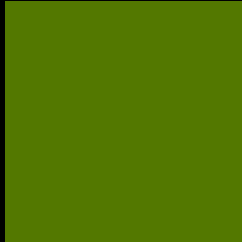
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0793, -21.4164, 23.7056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

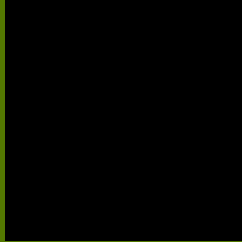
Any Text WCAG AA × Fail

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 39.0793, -21.4164, 23.7056 Background



This preview shows how black text looks on a background with the HunterLab color 39.0793, -21.4164, 23.7056.



This preview shows how white text looks on a background with the HunterLab color 39.0793,

-21.4164, 23.7056.

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

39.0793, -21.4164, 23.7056

Protanopia

38.9207, -5.5686, 23.8853

Deuteranopia

38.8339, 2.4656, 22.7348



Tritanopia

39.2139, -5.3355, -2.7965

Trichromacy



Original Color

39.0793, -21.4164, 23.7056

Protanomaly

38.7278, -12.0521, 23.6529

Deuteranomaly

38.4105, -7.3119, 22.8428

Tritanomaly

38.7394, -13.6551, 13.1673

Monochromacy



Original Color

39.0793, -21.4164, 23.7056

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.2860, -10.7576, 14.3716

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.0793, -21.4164, 23.7056 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(83, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 120, 0)  
}
```

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(83, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 120, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 39.0793, -21.4164, 23.7056 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(83, 120, 0) }
```


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

```
.border{ border-color:rgb(83, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(83, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(83, 120, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 39.0793, -21.4164, 23.7056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 120, 0) }
```

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

```
.background{ background-color: rgb(83, 120,  
0) }
```

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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