

Converting Colors

HunterLab(36.8629, -20.9856,
23.7268)

Have a look what the booklet for
HunterLab(36.8629, -20.9856,
23.7268) contains.

HunterLab(36.9518, -20.4210, 22.4120)	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(36.9518,
-20.4210, 22.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7200
RGB	78, 114, 0
RGB Percent	31%, 45%, 0%
CMY	0.6941, 0.5529, 1.0000
CMYK	0.32, 0.00, 1.00, 0.55
HSL	79°, 100%, 22%
HSV	79°, 100%, 45%
XYZ	9.1592, 13.6544, 2.1528
YIQ	90.2400, 15.1380, -43.0860

Conversions

Conversions Part 2

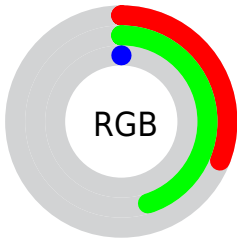
Format	Color
RYB	0, 114, 36
Decimal	5140992
CIELab	43.73, -28.24, 48.91
CIElCh	44, 56.473, 120.003
Yxy	13.6550, 0.3669, 0.5469
Android (android.graphics.Color)	4283331072 (0xFF4E7200)
YUV	90.2400, -44.4883, -10.7345
Hunter-Lab	36.9518, -20.4210, 22.4120

Details

The HunterLab color $[36.9518, -20.4210, 22.4120]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.6110, 31.2275, -66.5314]$, and the grayscale version is $[32.2197, -1.7192, 1.7506]$.

A 20% lighter version of the original color is $[56.9514, -24.9489, 30.0603]$, and $[20.2880, -14.6150, 12.2455]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.9525, -20.4225, 22.4124]$, and if you desaturate by 10%, it is $[37.1972, -19.3851, 22.0568]$.

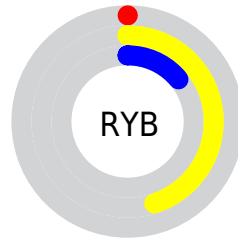
Distribution



Red (31%)

Green (45%)

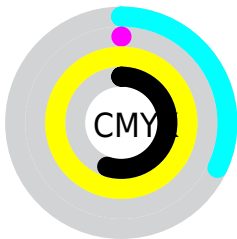
Blue (0%)



Red (0%)

Yellow (45%)

Blue (14%)

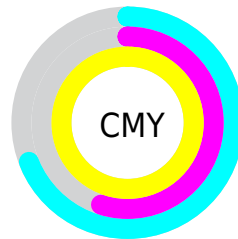


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9518, -20.4210, 22.4120 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 36.9518, -20.4210, 22.4120 by changing the saturation by 10% instead.

■ 36.9518, -20.4210,
22.4120

■ 36.9518, -20.4210,
22.4120

■ 146.6539,
-39.0839, 52.2390

■ 28.0733, -17.9511,
18.2846

■ 56.9873, -24.9715,
30.0537

■ 20.0473, -15.2731,
14.0331

■ 68.0375, -27.1157,
33.5769

■ 12.9775, -12.3154,
9.0843

■ 79.7219, -29.1997,
36.9467

■ 6.4294, -11.2515,
4.5006

■ 92.0078, -31.2368,
40.1889

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8671,
-33.2370, 43.3242

0.0000, NaN, NaN

■ 118.2752,

0.0000, NaN, NaN

-35.2077, 46.3690

0.0000, NaN, NaN

■ 132.2105,
-37.1551, 49.3369

■ 36.9518, -20.4210,
22.4120

■ 36.9518, -20.4210,
22.4120

■ 36.9525, -20.4225,
22.4124

■ 37.1972, -19.3851,
22.0568

■ 37.4661, -18.2325,
21.5004

■ 37.7703, -16.9004,
20.5776

■ 38.1123, -15.3794,
19.2571

■ 38.4937, -13.6640,
17.5166

■ 38.9158, -11.7522,
15.3419

■ 39.3792, -9.6447,
12.7253

■ 39.8847, -7.3445,
9.6646

■ 40.4323, -4.8565,
6.1626

Harmonies

Analogous

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



36.9526, -1.9755, 23.6688



36.9518, -20.4210, 22.4120



36.9526, -31.3437, 16.7440

Triad

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



36.9526, -20.4219, 22.4122



36.9526, -20.4194, -50.6687



36.9526, 48.9887, 2.0132

Complementary

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



36.9518, -20.4210, 22.4120



12.6110, 31.2275, -66.5314

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.



36.9526, 40.9693, -23.4786



36.9518, -20.4210, 22.4120



36.9526, -1.9719, -62.6823

Square

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



36.9526, -20.4219, 22.4122



36.9526, -31.3425, -23.4834



36.9526, 20.9993, -50.6650



36.9526, 40.9667, 16.7456

Rectangle

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



36.9518, -20.4210, 22.4120



36.9526, -34.4563, 8.1962



36.9526, 20.9993, -50.6650



36.9526, 48.0599, -5.4704

Sweetspot

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



36.9526, -20.4219, 22.4122



52.1511, -13.0118, 17.1599



21.7565, 23.6050, 13.8190



24.9824, -6.6992, 8.8116



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.9526, -20.4219, 22.4122



48.9143, -27.3500, 29.6619



34.9502, -28.6469, 21.0343



19.6621, -2.2314, 2.8091



38.9752, -21.5932, 23.6383



86.7158, -49.2842, 52.5710

Inverse Universe

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



12.6110, 31.2275, -66.5314



16.5301, 41.2235, -89.4347



18.5732, 38.3463, -38.7057



18.2944, 0.2573, -0.8895



13.2729, 32.9193, -70.4076



28.9168, 72.8182, -161.9112

Previews

White Background



This preview shows how the HunterLab color 36.9518, -20.4210, 22.4120 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 36.9518, -20.4210, 22.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

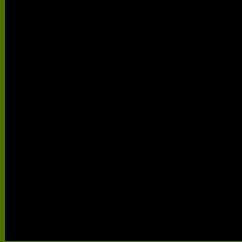
Any Text WCAG AA × Fail

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 36.9518, -20.4210, 22.4120 Background



This preview shows how black text looks on a background with the HunterLab color 36.9518, -20.4210, 22.4120.



This preview shows how white text looks on a background with the HunterLab color 36.9518, -20.4210, 22.4120.

-20.4210, 22.4120.

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

36.9518, -20.4210, 22.4120

Protanopia

36.6244, -5.3504, 22.4741

Deuteranopia

36.7955, 2.1577, 21.4879



Tritanopia

36.9416, -5.1611, -2.8775

Trichromacy



Original Color

36.9518, -20.4210, 22.4120

Protanomaly

36.5242, -11.4429, 22.3057

Deuteranomaly

36.4854, -7.1708, 21.6815

Tritanomaly

36.5371, -13.0456, 12.0570

Monochromacy



Original Color

36.9518, -20.4210, 22.4120

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.4627, -10.3477, 13.5799

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9518, -20.4210, 22.4120 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(78, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(78, 114, 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(78, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 114, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9518, -20.4210, 22.4120 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(78, 114, 0) }
```


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

```
.border{ border-color:rgb(78, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(78, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(78, 114, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.9518, -20.4210, 22.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 114, 0) }
```

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

```
.background{ background-color: rgb(78, 114,  
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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