

Converting Colors

HunterLab(37.3231, -20.1221,
22.6461)

Have a look what the booklet for
HunterLab(37.3231, -20.1221,
22.6461) contains.

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Color

**HunterLab(37.3724,
-20.3186, 22.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	507300
RGB	80, 115, 0
RGB Percent	31%, 45%, 0%
CMY	0.6863, 0.5490, 1.0000
CMYK	0.30, 0.00, 1.00, 0.55
HSL	78°, 100%, 23%
HSV	78°, 100%, 45%
XYZ	9.4390, 13.9670, 2.1984
YIQ	91.4250, 16.0550, -43.1850

Conversions

Conversions Part 2

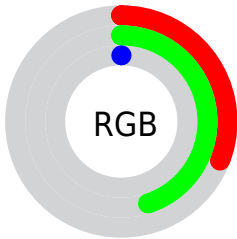
Format	Color
RYB	0, 115, 35
Decimal	5272320
CIELab	44.19, -27.88, 49.31
CIELCh	44, 56.642, 119.484
Yxy	13.9676, 0.3686, 0.5455
Android (android.graphics.Color)	4283462400 (0xFF507300)
YUV	91.4250, -45.0725, -10.0197
Hunter-Lab	37.3724, -20.3186, 22.6730

Details

The HunterLab color $[37.3724, -20.3186, 22.6730]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.6313, 31.4283, -67.8036]$, and the grayscale version is $[32.6597, -1.7426, 1.7745]$.

A 20% lighter version of the original color is $[57.4211, -24.7576, 30.2434]$, and $[20.6426, -14.6274, 12.4638]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3731, -20.3201, 22.6734]$, and if you desaturate by 10%, it is $[37.6156, -19.2940, 22.3171]$.

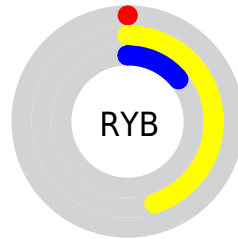
Distribution



Red (31%)

Green (45%)

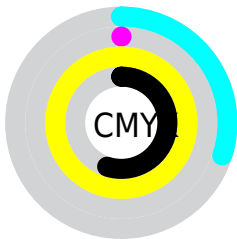
Blue (0%)



Red (0%)

Yellow (45%)

Blue (14%)

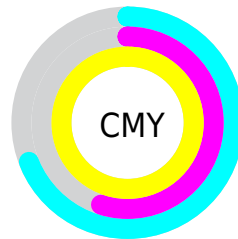


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3724, -20.3186, 22.6730 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 37.3724, -20.3186, 22.6730 by changing the saturation by 10% instead.

37.3724, -20.3186,
22.6730

37.3724, -20.3186,
22.6730

147.3191,
-38.7884, 52.6591

28.4572, -17.8838,
18.5166

57.4730, -24.8123,
30.3511

20.3907, -15.2483,
14.2735

68.5527, -26.9324,
33.8928

13.2749, -12.3100,
9.2924

80.2650, -28.9944,
37.2809

6.8078, -11.9136,
4.7655

92.5774, -31.0112,
40.5411

0.0000, NaN, NaN

0.0000, NaN, NaN

105.4620,
-32.9923, 43.6939

0.0000, NaN, NaN


118.8944,


0.0000, NaN, NaN


-34.9452, 46.7560


0.0000, NaN, NaN


 132.8532,
-36.8757, 49.7407


 37.3724, -20.3186,
22.6730


 37.3724, -20.3186,
22.6730


 37.3731, -20.3201,
22.6734

 37.6156, -19.2940,
22.3171

 37.8817, -18.1534,
21.7555

 38.1830, -16.8343,
20.8235

 38.5217, -15.3267,
19.4890

 38.8995, -13.6250,
17.7294

■ 39.3176, -11.7267,
15.5298

■ 39.7770, -9.6323,
12.8819

■ 40.2782, -7.3443,
9.7833

■ 40.8215, -4.8675,
6.2362

Harmonies

Analogous

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



37.3732, -1.6211, 23.9009



37.3724, -20.3186, 22.6730



37.3732, -31.4678, 17.0494

Triad

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



37.3732, -20.3195, 22.6732



37.3732, -20.8340, -50.5159



37.3732, 49.2623, 1.6765

Complementary

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



37.3724, -20.3186, 22.6730



12.6313, 31.4283, -67.8036

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.



37.3732, 40.9356, -24.1021



37.3724, -20.3186, 22.6730



37.3732, -2.3697, -62.9605

Square

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



37.3732, -20.3195, 22.6732



37.3732, -31.7140, -23.1028



37.3732, 20.7205, -51.2882



37.3732, 41.4648, 16.7234

Rectangle

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



37.3724, -20.3186, 22.6730



37.3732, -34.6924, 8.5508



37.3732, 20.7205, -51.2882



37.3732, 48.2323, -5.9190

Sweetspot

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



37.3732, -20.3195, 22.6732



53.1761, -13.1214, 17.5412



21.9504, 23.8550, 13.9429



25.8701, -6.8775, 9.1713



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.3732, -20.3195, 22.6732



49.9390, -27.4741, 30.2912



35.2765, -28.9219, 21.2306



20.5257, -2.3226, 2.9527



39.9444, -21.7831, 24.2322



87.9140, -49.1356, 53.3120

Inverse Universe

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



12.6313, 31.4283, -67.8036



16.7111, 41.8817, -92.0175



18.7443, 38.7021, -39.0791



19.0760, 0.2640, -0.9537



13.4654, 33.5685, -72.7608



29.0432, 73.4800, -165.2829

Previews

White Background



This preview shows how the HunterLab color 37.3724, -20.3186, 22.6730 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 37.3724, -20.3186, 22.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

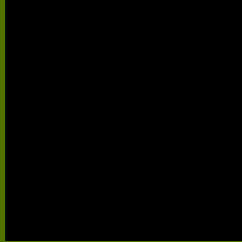
Any Text WCAG AA × Fail

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 37.3724, -20.3186, 22.6730 Background



This preview shows how black text looks on a background with the HunterLab color 37.3724, -20.3186, 22.6730.



This preview shows how white text looks on a background with the HunterLab color 37.3724,

-20.3186, 22.6730.

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

37.3724, -20.3186, 22.6730

Protanopia

37.3560, -5.5347, 22.9217

Deuteranopia

37.1576, 2.0683, 21.7214



Tritanopia

37.3863, -4.9496, -2.7718

Trichromacy



Original Color

37.3724, -20.3186, 22.6730

Protanomaly

37.2563, -11.6454, 22.7533

Deuteranomaly

36.8505, -7.2678, 21.9114

Tritanomaly

36.9583, -12.9549, 12.4347

Monochromacy



Original Color

37.3724, -20.3186, 22.6730

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.8320, -10.3952, 13.6500

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3724, -20.3186, 22.6730 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(80, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(80, 115, 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(80, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3724, -20.3186, 22.6730 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(80, 115, 0) }
```


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

```
.border{ border-color:rgb(80, 115, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(80, 115, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.3724, -20.3186, 22.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 115, 0) }
```

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

```
.background{ background-color: rgb(80, 115,  
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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