

Converting Colors

HunterLab(38.1336, -18.6270,
23.1006)

Have a look what the booklet for
HunterLab(38.1336, -18.6270,
23.1006) contains.

HunterLab(38.1705, -18.7212, 23.1035)	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(38.1705,
-18.7212, 23.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	587402
RGB	88, 116, 2
RGB Percent	35%, 45%, 1%
CMY	0.6549, 0.5451, 0.9921
CMYK	0.24, 0.00, 0.98, 0.55
HSL	75°, 97%, 23%
HSV	75°, 98%, 45%
XYZ	10.2808, 14.5699, 2.3279
YIQ	94.6320, 19.9060, -41.3900

Conversions

Conversions Part 2

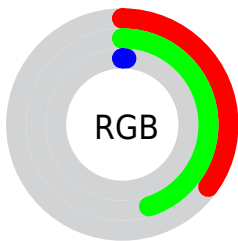
Format	Color
R_YB	2, 116, 30
Decimal	5796866
CIE Lab	45.04, -24.87, 49.73
CIE LCh	45, 55.603, 116.569
Yxy	14.5705, 0.3783, 0.5361
Android (android.graphics.Color)	4283986946 (0xFF587402)
YUV	94.6320, -45.6676, -5.8163
Hunter-Lab	38.1705, -18.7212, 23.1035

Details

The HunterLab color $38.1705, -18.7212, 23.1035$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $12.5729, 30.6700, -69.6370$, and the grayscale version is $33.8515, -1.8062, 1.8392$.

A 20% lighter version of the original color is $58.3326, -22.8748, 30.7640$, and $21.2781, -13.4954, 12.8752$ is the 20% darker color. If you saturate the color by 10%, you get $38.1342, -18.8795, 23.1676$, and if you desaturate by 10%, it is $38.3909, -17.7971, 22.7244$.

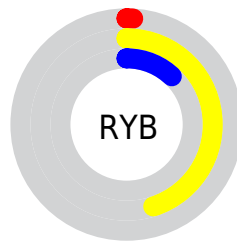
Distribution



Red (35%)

Green (45%)

Blue (1%)



Red (1%)

Yellow (45%)

Blue (12%)

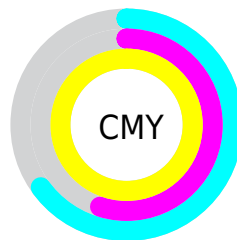


Cyan (24%)

Magenta (0%)

Yellow (98%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1705, -18.7212, 23.1035 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 38.1705, -18.7212, 23.1035 by changing the saturation by 10% instead.

■ 38.1705, -18.7212,
23.1035

■ 38.1705, -18.7212,
23.1035

148.5772,
-35.7344, 53.2124

■ 29.1865, -16.5252,
18.9132

■ 58.3935, -22.8085,
30.8031

■ 21.0440, -14.1646,
14.7308

■ 69.5286, -24.7503,
34.3579

■ 13.8421, -11.5518,
9.6894

■ 81.2933, -26.6461,
37.7600

■ 7.4699, -13.0723,
5.2289

■ 93.6556, -28.5069,
41.0347

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.5879,
-30.3405, 44.2024

0.0000, NaN, NaN

■ 120.0660,

0.0000, NaN, NaN

-32.1532, 47.2794

0.0000, NaN, NaN

■ 134.0688,
-33.9499, 50.2791

■ 38.1705, -18.7212,
23.1035

■ 38.1705, -18.7212,
23.1035

■ 38.1342, -18.8795,
23.1676

■ 38.3909, -17.7971,
22.7244

■ 38.6346, -16.7480,
22.0837

■ 38.9108, -15.5292,
21.0618

■ 39.2216, -14.1303,
19.6266

■ 39.5690, -12.5448,
17.7552

■ 39.9542, -10.7693,
15.4320

■ 40.3783, -8.8029,
12.6479

■ 40.8418, -6.6469,
9.3991

■ 41.3453, -4.3044,
5.6868

Harmonies

Analogous

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



38.1714, 0.4493, 24.1186



38.1705, -18.7212, 23.1035



38.1714, -30.6162, 17.9401

Triad

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



38.1714, -18.7222, 23.1037



38.1714, -22.1275, -47.0025



38.1714, 48.1999, -0.3341

Complementary

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



38.1705, -18.7212, 23.1035



12.5729, 30.6700, -69.6370

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.



38.1714, 38.6253, -26.3111



38.1705, -18.7212, 23.1035



38.1714, -4.4647, -61.0861

Square

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



38.1714, -18.7222, 23.1037



38.1714, -32.2574, -19.8456



38.1714, 18.1165, -51.9623



38.1714, 42.0619, 15.7444

Rectangle

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



38.1705, -18.7212, 23.1035



38.1714, -34.3279, 10.0819



38.1714, 18.1165, -51.9623



38.1714, 46.6681, -8.1528

Sweetspot

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



38.1714, -18.7222, 23.1037



53.4477, -12.0685, 17.3477



21.3943, 26.3333, 13.4843



26.0100, -6.3377, 9.1083



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.



38.1714, -18.7222, 23.1037



50.4975, -25.2678, 30.6740



35.7903, -28.3942, 21.4612



20.5503, -2.2353, 2.9810



40.3856, -20.0421, 24.5345



88.9188, -45.1585, 54.0008

Inverse Universe

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



12.5729, 30.6700, -69.6370



16.1527, 41.3839, -95.9332



18.0674, 37.3003, -42.4388



19.0508, 0.1780, -0.9875



13.0082, 33.1549, -75.9193



28.1076, 72.6681, -172.0139

Previews

White Background



This preview shows how the HunterLab color 38.1705, -18.7212, 23.1035 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 38.1705, -18.7212, 23.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

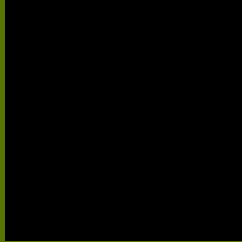
Any Text WCAG AA × Fail

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 38.1705, -18.7212, 23.1035 Background



This preview shows how black text looks on a background with the HunterLab color 38.1705, -18.7212, 23.1035.



This preview shows how white text looks on a background with the HunterLab color 38.1705,

-18.7212, 23.1035.

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

38.1705, -18.7212, 23.1035

Protanopia

38.0900, -5.7199, 23.3707

Deuteranopia

37.9866, 2.2257, 22.3388



Tritanopia

38.1874, -3.4817, -2.1838

Trichromacy



Original Color

38.1705, -18.7212, 23.1035

Protanomaly

37.8711, -10.8182, 23.1016

Deuteranomaly

37.5788, -6.0580, 22.3943

Tritanomaly

37.7579, -11.3767, 12.6144

Monochromacy



Original Color

38.1705, -18.7212, 23.1035

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.0895, -9.9965, 13.9872

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1705, -18.7212, 23.1035 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(88, 116, 2)` looks like.

```
.text, #text, p{  
    color:rgb(88, 116, 2)  
}
```

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(88, 116, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 116, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1705, -18.7212, 23.1035 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(88, 116, 2) }
```


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

```
.border{ border-color:rgb(88, 116, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 116, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 116, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 116, 2);  
box-shadow:4px 4px 4px 4px rgb(88, 116, 2)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.1705, -18.7212, 23.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 116, 2) }
```

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

```
.background{ background-color: rgb(88, 116,  
2) }
```

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