

Converting Colors

HunterLab(45.2244, -12.4428,
20.5577)

Have a look what the booklet for
HunterLab(45.2244, -12.4428,
20.5577) contains.

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Color

**HunterLab(45.2190,
-12.3771, 20.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	798244
RGB	121, 130, 68
RGB Percent	47%, 51%, 27%
CMY	0.5255, 0.4902, 0.7333
CMYK	0.07, 0.00, 0.48, 0.49
HSL	69°, 31%, 39%
HSV	69°, 48%, 51%
XYZ	16.9112, 20.4476, 8.5243
YIQ	120.2410, 14.5380, -21.1900

Conversions

Conversions Part 2

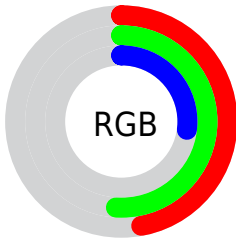
Format	Color
RYB	68, 130, 77
Decimal	7963204
CIELab	52.34, -13.35, 32.27
CIELCh	52, 34.920, 112.471
Yxy	20.4485, 0.3686, 0.4456
Android (android.graphics.Color)	4286153284 (0xFF798244)
YUV	120.2410, -25.7548, 0.6656
Hunter-Lab	45.2190, -12.3771, 20.4764

Details

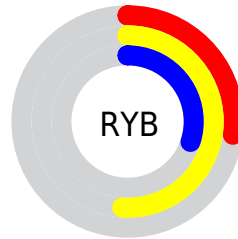
The HunterLab color $45.2190, -12.3771, 20.4764$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $27.0634, 13.0400, -29.3653$, and the grayscale version is $43.5255, -2.3224, 2.3648$.

A 20% lighter version of the original color is $66.4633, -15.1700, 25.3991$, and $26.9789, -9.6569, 14.8960$ is the 20% darker color. If you saturate the color by 10%, you get $44.9131, -13.8328, 22.6614$, and if you desaturate by 10%, it is $45.5664, -10.7146, 17.7605$.

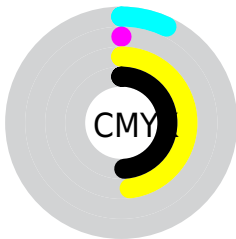
Distribution



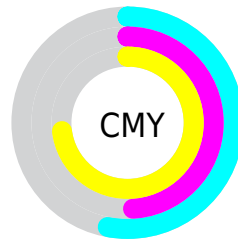
- Red (47%)
- Green (51%)
- Blue (27%)



- Red (27%)
- Yellow (51%)
- Blue (30%)



- Cyan (7%)
- Magenta (0%)
- Yellow (48%)
- Black (49%)



- Cyan (53%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2190, -12.3771, 20.4764 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 45.2190, -12.3771, 20.4764 by changing the saturation by 10% instead.

■ 45.2190, -12.3771,
20.4764

■ 45.2190, -12.3771,
20.4764

159.4782,
-24.0833, 41.0429

■ 35.6672, -11.0381,
17.7526

■ 66.4589, -14.9956,
25.5170

■ 26.9017, -9.6579,
14.8340

■ 78.0570, -16.2892,
27.8913

■ 19.0021, -8.2122,
11.9381

■ 90.2609, -17.5797,
30.1949

■ 12.0761, -6.6536,
8.4532

■ 103.0418,
-18.8707, 32.4415

■ 5.0903, -8.9081,
3.5632

■ 116.3748,
-20.1648, 34.6419

0.0000, NaN, NaN

130.2379,

0.0000, NaN, NaN

-21.4640, 36.8047

0.0000, NaN, NaN

144.6115,
-22.7698, 38.9365

0.0000, NaN, NaN

■ 45.2190, -12.3771,
20.4764

■ 45.2190, -12.3771,
20.4764

■ 44.9131, -13.8328,
22.6614

■ 45.5664, -10.7146,
17.7605

■ 44.6439, -15.0844,
24.3360

■ 45.9538, -8.8373,
14.4981

■ 44.4101, -16.1435,
25.5307

■ 46.3832, -6.7451,
10.6814

■ 44.2087, -17.0244,
26.2857

■ 46.8555, -4.4390,
6.3082

■ 44.0327, -17.7668,
26.7057

■ 47.3713, -1.9215,
1.3812

■ 43.9930, -17.9338,
26.7943

■ 47.9308, 0.8027,
-4.0922

■ 48.5341, 3.7279,
-10.1008

■ 49.1811, 6.8469,
-16.6300

■ 49.8715, 10.1516,
-23.6623

Harmonies

Analogous

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



45.2200, 1.2154, 21.3729



45.2190, -12.3771, 20.4764



45.2200, -22.0825, 15.5895

Triad

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



45.2200, -12.3784, 20.4768



45.2200, -17.8644, -23.3386



45.2200, 27.9372, -1.0730

Complementary

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



45.2190, -12.3771, 20.4764



27.0634, 13.0400, -29.3653

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.



45.2200, 21.3204, -16.3752



45.2190, -12.3771, 20.4764



45.2200, -5.9349, -31.5699

Square

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



45.2200, -12.3784, 20.4768



45.2200, -24.9668, -8.6251



45.2200, 8.4930, -28.6904



45.2200, 25.6601, 11.3005

Rectangle

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



45.2190, -12.3771, 20.4764



45.2200, -25.6024, 9.6016



45.2200, 8.4930, -28.6904



45.2200, 26.6539, -6.0742

Sweetspot

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



45.2200, -12.3784, 20.4768



61.7566, -7.9497, 12.2984



32.2017, 14.8931, 10.0334



29.3280, -4.0418, 6.3390



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



45.2200, -12.3784, 20.4768



59.5778, -18.4634, 30.2241



43.1211, -20.3448, 18.6950



22.3356, -2.2781, 3.3172



43.0796, -17.5504, 26.2382

0.0000, NaN, NaN

Inverse Universe

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



27.0634, 13.0400, -29.3653



30.8442, 23.0068, -52.0842



29.8141, 20.8236, -23.2651



20.5898, 0.0542, -1.1720



12.9576, 34.1163, -84.0759

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 45.2190, -12.3771, 20.4764 looks on a white 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

Black Background



This preview shows how the HunterLab color 45.2190, -12.3771, 20.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

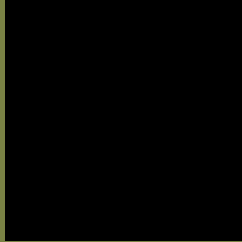
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 45.2190, -12.3771, 20.4764 Background



This preview shows how black text looks on a background with the HunterLab color 45.2190, -12.3771, 20.4764.



This preview shows how white text looks on a background with the HunterLab color 45.2190, -12.3771, 20.4764.

-12.3771, 20.4764.

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

45.2190, -12.3771, 20.4764

Protanopia

45.1430, -5.3216, 20.9543

Deuteranopia

45.0821, 2.9996, 19.9920



Tritanopia

45.1897, 0.5106, -0.7867

Trichromacy



Original Color

45.2190, -12.3771, 20.4764

Protanomaly

45.1766, -8.0862, 20.7270

Deuteranomaly

45.0231, -2.7769, 20.0640

Tritanomaly

45.1506, -5.1690, 8.7323

Monochromacy



Original Color

45.2190, -12.3771, 20.4764

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.9863, -6.7617, 10.3903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2190, -12.3771, 20.4764 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(121, 130, 68)` looks like.

```
.text, #text, p{  
    color:rgb(121, 130, 68)  
}
```

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(121, 130, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 130, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2190, -12.3771, 20.4764 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(121, 130, 68) }
```


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

```
.border{ border-color:rgb(121, 130, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 130, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 130, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 130, 68);  
box-shadow:4px 4px 4px 4px rgb(121, 130,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.2190, -12.3771, 20.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 130, 68) }
```

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

```
.background{ background-color: rgb(121,  
130, 68) }
```

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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