

Converting Colors

HunterLab(47.8851, -21.4887,
12.7889)

Have a look what the booklet for
HunterLab(47.8851, -21.4887,
12.7889) contains.

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Color

**HunterLab(47.8211,
-21.5920, 12.8514)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8F68
RGB	91, 143, 104
RGB Percent	36%, 56%, 41%
CMY	0.6431, 0.4392, 0.5922
CMYK	0.36, 0.00, 0.27, 0.44
HSL	135°, 22%, 46%
HSV	135°, 36%, 56%
XYZ	16.6356, 22.8686, 16.6340
YIQ	123.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

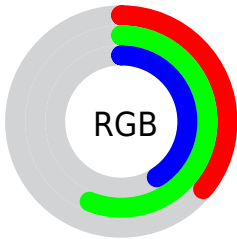
Format	Color
R_{YB}	91, 133, 143
Decimal	6000488
CIE _{Lab}	54.94, -26.08, 15.39
CIE _{LCh}	55, 30.280, 149.453
Yxy	22.8695, 0.2963, 0.4074
Android (android.graphics.Color)	4284190568 (0xFF5B8F68)
YUV	123.0060, -9.3700, -28.0693
Hunter-Lab	47.8211, -21.5920, 12.8514

Details

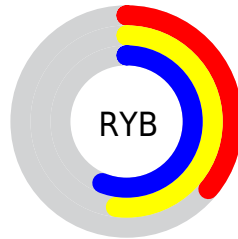
The HunterLab color $47.8211, -21.5920, 12.8514$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $38.6446, 20.5898, -8.2300$, and the grayscale version is $44.5487, -2.3770, 2.4204$.

A 20% lighter version of the original color is $69.3821, -25.6871, 15.8035$, and $29.0192, -17.0747, 9.6738$ is the 20% darker color. If you saturate the color by 10%, you get $46.9110, -25.5986, 15.2883$, and if you desaturate by 10%, it is $48.8865, -17.0422, 10.2538$.

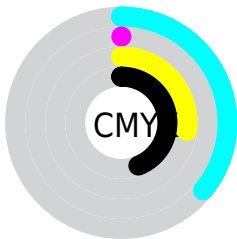
Distribution



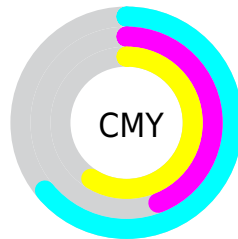
- Red (36%)
- Green (56%)
- Blue (41%)



- Red (36%)
- Yellow (52%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8211, -21.5920, 12.8514 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 47.8211, -21.5920, 12.8514 by changing the saturation by 10% instead.

■ 47.8211, -21.5920,
12.8514

■ 47.8211, -21.5920,
12.8514

163.4179,
-38.8349, 25.4928

■ 38.0752, -19.4266,
11.3688

■ 69.4111, -25.6818,
15.7201

■ 29.0986, -17.1382,
9.8297

■ 81.1695, -27.6429,
17.1264

■ 20.9652, -14.6737,
8.2041

■ 93.5259, -29.5651,
18.5232

■ 13.7735, -11.9385,
6.5220

■ 106.4524,
-31.4569, 19.9152

■ 7.3935, -12.9386,
5.1754

119.9251,
-33.3251, 21.3058

0.0000, NaN, NaN

133.9226,

0.0000, NaN, NaN

-35.1749, 22.6976

0.0000, NaN, NaN

148.4259,
-37.0103, 24.0927

0.0000, NaN, NaN

■ 47.8211, -21.5920,
12.8514

■ 47.8211, -21.5920,
12.8514

■ 46.9110, -25.5986,
15.2883

■ 48.8865, -17.0422,
10.2538

■ 46.1525, -29.0231,
17.5341

■ 50.1026, -11.9934,
7.5237

■ 45.5437, -31.8443,
19.5637

■ 51.4672, -6.4994,
4.6910

■ 45.0783, -34.0582,
21.3553

■ 52.9756, -0.6158,
1.7834

■ 44.7469, -35.6829,
22.8933

■ 54.6221, 5.6022,
-1.1740

■ 44.5311, -36.7826,
24.1645

■ 56.4005, 12.1022,
-4.1596

■ 44.4654, -37.1186,
24.5505

■ 58.3039, 18.8360,
-7.1550

■ 60.3254, 25.7607,
-10.1452

■ 62.4581, 32.8388,
-13.1185

Harmonies

Analogous

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



47.8221, -13.8387, 18.5741



47.8211, -21.5920, 12.8514



47.8221, -24.3490, 2.8214

Triad

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



47.8221, -21.5928, 12.8519



47.8221, -2.7840, -26.4698



47.8221, 20.2963, 12.5609

Complementary

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



47.8211, -21.5920, 12.8514



38.6446, 20.5898, -8.2300

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.



47.8221, 24.0141, 2.3838



47.8211, -21.5920, 12.8514



47.8221, 9.8845, -21.9762

Square

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



47.8221, -21.5928, 12.8519



47.8221, -14.1986, -21.6536



47.8221, 20.0251, -10.5784



47.8221, 10.3233, 18.4391

Rectangle

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



47.8211, -21.5920, 12.8514



47.8221, -23.2259, -5.6802



47.8221, 20.0251, -10.5784



47.8221, 22.3619, 9.6271

Sweetspot

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



47.8221, -21.5928, 12.8519



67.9597, -12.3464, 8.1376



50.1470, -13.3003, 18.9651



32.4403, -6.3318, 4.1136



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



47.8221, -21.5928, 12.8519



62.9383, -33.5339, 20.0059



48.4580, -17.8822, 3.7056



24.5970, -3.8951, 2.6475



41.8140, -34.8799, 23.0318



4.1262, -3.1756, 1.6978

Inverse Universe

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



38.6446, 20.5898, -8.2300



48.1133, 34.9446, -14.0046



37.8441, 16.6369, 3.0915



23.4271, 1.4381, -0.0429



24.7185, 46.1611, -13.7157



2.4888, 4.7673, -2.3080

Previews

White Background



This preview shows how the HunterLab color 47.8211, -21.5920, 12.8514 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 47.8211, -21.5920, 12.8514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

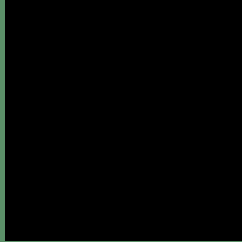
Any Text WCAG AA ✓ Pass

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 47.8211, -21.5920, 12.8514 Background



This preview shows how black text looks on a background with the HunterLab color 47.8211, -21.5920, 12.8514.



This preview shows how white text looks on a background with the HunterLab color 47.8211, -21.5920, 12.8514.

-21.5920, 12.8514.

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

47.8211, -21.5920, 12.8514

Protanopia

47.6339, -4.1553, 14.8962

Deuteranopia

47.6233, 3.3037, 11.7402



Tritanopia

47.6852, -10.2807, -5.6319

Trichromacy



Original Color

47.8211, -21.5920, 12.8514

Protanomaly

47.3134, -11.1537, 13.8506

Deuteranomaly

47.2333, -6.6566, 11.5279

Tritanomaly

47.6157, -14.6230, 1.9026

Monochromacy



Original Color

47.8211, -21.5920, 12.8514

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.3935, -9.8745, 6.2172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8211, -21.5920, 12.8514 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(91, 143, 104)` looks like.

```
.text, #text, p{  
  color:rgb(91, 143, 104)  
}
```

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(91, 143, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 143, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8211, -21.5920, 12.8514 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(91, 143, 104) }
```


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

```
.border{ border-color:rgb(91, 143, 104) }
```

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

Here you see how a box with a 4 pixel rgb(91, 143, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 143, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 143, 104);  
box-shadow:4px 4px 4px 4px rgb(91, 143,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8211, -21.5920, 12.8514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 143, 104) }
```

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

```
.background{ background-color: rgb(91, 143,  
104) }
```

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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