

Converting Colors

HunterLab(47.8719, -20.4088,
12.7869)

Have a look what the booklet for
HunterLab(47.8719, -20.4088,
12.7869) contains.

HunterLab(47.7267, -20.3486, 12.7829)	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(47.7267,
-20.3486, 12.7829)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8E68
RGB	95, 142, 104
RGB Percent	37%, 56%, 41%
CMY	0.6274, 0.4431, 0.5922
CMYK	0.33, 0.00, 0.27, 0.44
HSL	131°, 20%, 46%
HSV	131°, 33%, 56%
XYZ	16.8910, 22.7784, 16.6032
YIQ	123.6150, -15.8140, -21.7820

Conversions

Conversions Part 2

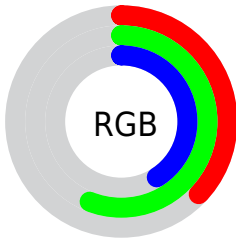
Format	Color
R_{YB}	95, 134, 142
Decimal	6262376
CIE _{Lab}	54.84, -24.25, 15.29
CIE _{LCh}	55, 28.671, 147.761
Yxy	22.7793, 0.3002, 0.4048
Android (android.graphics.Color)	4284452456 (0xFF5F8E68)
YUV	123.6150, -9.6702, -25.0954
Hunter-Lab	47.7267, -20.3486, 12.7829

Details

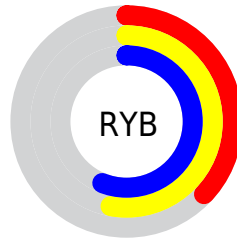
The HunterLab color $47.7267, -20.3486, 12.7829$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $39.5337, 18.7796, -8.5916$, and the grayscale version is $44.7866, -2.3897, 2.4333$.

A 20% lighter version of the original color is $69.3177, -24.2532, 15.7644$, and $28.9109, -15.9800, 9.5967$ is the 20% darker color. If you saturate the color by 10%, you get $46.7646, -24.5667, 15.3971$, and if you desaturate by 10%, it is $48.8465, -15.5846, 9.9615$.

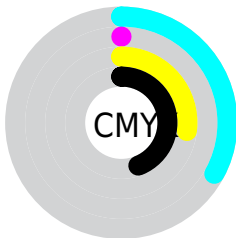
Distribution



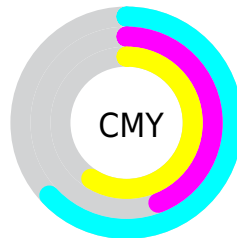
- Red (37%)
- Green (56%)
- Blue (41%)



- Red (37%)
- Yellow (53%)
- Blue (56%)



- Cyan (33%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7267, -20.3486, 12.7829 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 47.7267, -20.3486, 12.7829 by changing the saturation by 10% instead.

■ 47.7267, -20.3486,
12.7829

■ 47.7267, -20.3486,
12.7829

163.2757,
-36.7842, 25.3832

■ 37.9877, -18.3052,
11.3062

■ 69.3042, -24.2224,
15.6408

■ 29.0186, -16.1515,
9.7736

■ 81.0569, -26.0859,
17.0421

■ 20.8935, -13.8391,
8.1551

■ 93.4078, -27.9159,
18.4343

■ 13.7112, -11.2810,
6.4842

■ 106.3291,
-29.7203, 19.8218

■ 7.3232, -12.8156,
5.1263

119.7968,
-31.5051, 21.2081

0.0000, NaN, NaN

133.7895,

0.0000, NaN, NaN

-33.2750, 22.5958

0.0000, NaN, NaN

148.2881,
-35.0337, 23.9870

0.0000, NaN, NaN

■ 47.7267, -20.3486,
12.7829

■ 47.7267, -20.3486,
12.7829

■ 46.7646, -24.5667,
15.3971

■ 48.8465, -15.5846,
9.9615

■ 45.9573, -28.1946,
17.7721

■ 50.1187, -10.3234,
6.9641

■ 45.3037, -31.2051,
19.8817

■ 51.5404, -4.6224,
3.8234

■ 44.7985, -33.5882,
21.7050

■ 53.1063, 1.4605,
0.5706

■ 44.4332, -35.3554,
23.2287

■ 54.8103, 7.8685,
-2.7661

■ 44.1952, -36.5439,
24.4478

■ 56.6457, 14.5485,
-6.1616

■ 44.0760, -37.1470,
25.0985

■ 58.6053, 21.4523,
-9.5946

■ 60.6820, 28.5374,
-13.0474

■ 62.8688, 35.7673,
-16.5056

Harmonies

Analogous

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



47.7277, -12.7149, 18.0856



47.7267, -20.3486, 12.7829



47.7277, -23.2686, 3.4379

Triad

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



47.7277, -20.3494, 12.7834



47.7277, -3.4371, -24.5648



47.7277, 19.3570, 11.6392

Complementary

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



47.7267, -20.3486, 12.7829



39.5337, 18.7796, -8.5916

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.



47.7277, 22.4466, 1.7424



47.7267, -20.3486, 12.7829



47.7277, 8.5458, -20.8655

Square

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



47.7277, -20.3494, 12.7834



47.7277, -14.1171, -19.6384



47.7277, 18.3152, -10.4861



47.7277, 10.2375, 17.5473

Rectangle

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



47.7267, -20.3486, 12.7829



47.7277, -22.3859, -4.5057



47.7277, 18.3152, -10.4861



47.7277, 21.1719, 8.7538

Sweetspot

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



47.7277, -20.3494, 12.7834



67.0787, -11.5761, 8.0594



50.1908, -11.4668, 17.9371



31.5949, -5.9023, 4.0486



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



47.7277, -20.3494, 12.7834



62.3708, -31.4191, 19.6852



48.2859, -17.1037, 4.7496



24.5870, -3.9509, 2.7906



41.7659, -35.1813, 23.7426



4.1143, -3.2495, 1.8721

Inverse Universe

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



39.5337, 18.7796, -8.5916



49.2059, 31.7023, -14.6721



38.8058, 15.1459, 1.6885



23.4384, 1.4983, -0.2024



25.0465, 47.3243, -18.1669



2.5084, 4.8360, -2.5678

Previews

White Background



This preview shows how the HunterLab color 47.7267, -20.3486, 12.7829 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 47.7267, -20.3486, 12.7829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

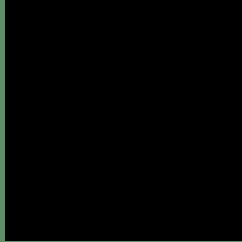
Any Text WCAG AA ✓ Pass

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 47.7267, -20.3486, 12.7829 Background



This preview shows how black text looks on a background with the HunterLab color 47.7267, -20.3486, 12.7829.



This preview shows how white text looks on a background with the HunterLab color 47.7267,

-20.3486, 12.7829.

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

47.7267, -20.3486, 12.7829

Protanopia

47.6539, -4.0453, 14.6065

Deuteranopia

47.5223, 2.9644, 11.6345



Tritanopia

47.6004, -9.1280, -5.2113

Trichromacy



Original Color

47.7267, -20.3486, 12.7829

Protanomaly

47.4896, -10.4691, 13.7084

Deuteranomaly

47.3174, -6.3571, 11.6160

Tritanomaly

47.5209, -13.4756, 2.2555

Monochromacy



Original Color

47.7267, -20.3486, 12.7829

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.8559, -9.6464, 6.3273

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7267, -20.3486, 12.7829 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(95, 142, 104)` looks like.

```
.text, #text, p{  
    color:rgb(95, 142, 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(95, 142, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 142, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7267, -20.3486, 12.7829 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(95, 142, 104) }
```


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

```
.border{ border-color:rgb(95, 142, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 142, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 142, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 142, 104);  
box-shadow:4px 4px 4px 4px rgb(95, 142,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7267, -20.3486, 12.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 142, 104) }
```

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

```
.background{ background-color: rgb(95, 142,  
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](#).

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