

Converting Colors

HunterLab(45.2937, -19.8934,
9.3193)

Have a look what the booklet for
HunterLab(45.2937, -19.8934,
9.3193) contains.

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Color

**HunterLab(45.2867,
-20.0288, 9.3438)**

Conversions

Conversions Part 1

Format	Color
Hex	53886B
RGB	83, 136, 107
RGB Percent	33%, 53%, 42%
CMY	0.6745, 0.4667, 0.5804
CMYK	0.39, 0.00, 0.21, 0.47
HSL	147°, 24%, 43%
HSV	147°, 39%, 53%
XYZ	15.0253, 20.5089, 17.0766
YIQ	116.8470, -22.2790, -20.2550

Conversions

Conversions Part 2

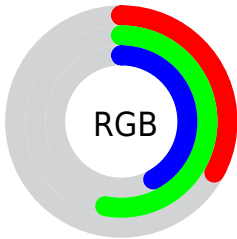
Format	Color
R_{YB}	83, 119, 136
Decimal	5474411
CIE _{Lab}	52.41, -24.51, 10.09
CIE _{LCh}	52, 26.504, 157.625
Yxy	20.5097, 0.2856, 0.3898
Android (android.graphics.Color)	4283664491 (0xFF53886B)
YUV	116.8470, -4.8546, -29.6838
Hunter-Lab	45.2867, -20.0288, 9.3438

Details

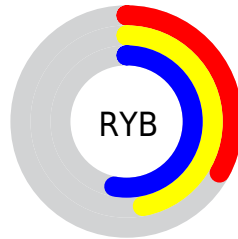
The HunterLab color $45.2867, -20.0288, 9.3438$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $35.4839, 19.2552, -3.4129$, and the grayscale version is $42.1429, -2.2486, 2.2897$.

A 20% lighter version of the original color is $66.6682, -24.0923, 11.8910$, and $27.0280, -15.7929, 7.0003$ is the 20% darker color. If you saturate the color by 10%, you get $44.4979, -23.4510, 11.0930$, and if you desaturate by 10%, it is $46.2100, -16.1483, 7.5960$.

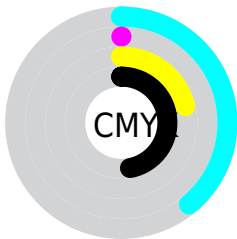
Distribution



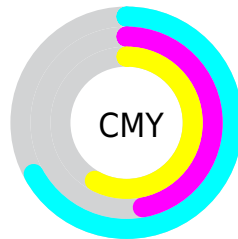
- Red (33%)
- Green (53%)
- Blue (42%)



- Red (33%)
- Yellow (47%)
- Blue (53%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (67%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2867, -20.0288, 9.3438 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 45.2867, -20.0288, 9.3438 by changing the saturation by 10% instead.

■ 45.2867, -20.0288,
9.3438

■ 45.2867, -20.0288,
9.3438

159.5811,
-36.6439, 19.6868

■ 35.7297, -17.9442,
8.2061

■ 66.5358, -23.9632,
11.5988

■ 26.9586, -15.7377,
7.0466

■ 78.1381, -25.8504,
12.7274

■ 19.0527, -13.3532,
5.8459

■ 90.3460, -27.7010,
13.8619

■ 12.1196, -10.7909,
4.6172

■ 103.1308,
-29.5235, 15.0047

■ 5.1638, -9.0367,
3.6147

■ 116.4674,
-31.3245, 16.1575

0.0000, NaN, NaN

0.0000, NaN, NaN

130.3341,

-33.1090, 17.3215

0.0000, NaN, NaN

144.7111,
-34.8811, 18.4977

0.0000, NaN, NaN

■ 45.2867, -20.0288,
9.3438

■ 45.2867, -20.0288,
9.3438

■ 44.4979, -23.4510,
11.0930

■ 46.2100, -16.1483,
7.5960

■ 43.8393, -26.3878,
12.8215

■ 47.2645, -11.8416,
5.8668

■ 43.3085, -28.8268,
14.5084

■ 48.4491, -7.1494,
4.1733

■ 42.8995, -30.7696,
16.1321

■ 49.7604, -2.1150,
2.5294

■ 42.6031, -32.2360,
17.6714

■ 51.1944, 3.2178,
0.9463

■ 42.3908, -33.3338,
19.0925

■ 52.7461, 8.8061,
-0.5675

■ 42.3702, -33.4403,
19.2290

■ 54.4101, 14.6099,
-2.0064

■ 56.1808, 20.5928,
-3.3668

■ 58.0524, 26.7222,
-4.6471

Harmonies

Analogous

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



45.2876, -14.3861, 15.4619



45.2867, -20.0288, 9.3438



45.2876, -21.1793, -0.2288

Triad

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



45.2876, -20.0295, 9.3443



45.2876, 0.3632, -21.7438



45.2876, 15.1869, 12.9223

Complementary

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



45.2867, -20.0288, 9.3438



35.4839, 19.2552, -3.4129

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.



45.2876, 20.0006, 5.0031



45.2867, -20.0288, 9.3438



45.2876, 10.9365, -16.0881

Square

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



45.2876, -20.0295, 9.3443



45.2876, -10.0390, -19.8097



45.2876, 18.3766, -5.6976



45.2876, 5.7411, 17.1657

Rectangle

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



45.2867, -20.0288, 9.3438



45.2876, -19.3527, -7.6590



45.2876, 18.3766, -5.6976



45.2876, 17.4388, 10.6848

Sweetspot

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



45.2876, -20.0295, 9.3443



63.7794, -11.5926, 6.2730



46.5708, -16.0817, 17.9961



30.6097, -5.9074, 3.1360



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



45.2876, -20.0295, 9.3443



59.1625, -30.7259, 14.5056



45.9906, -15.9388, -0.7120



23.7559, -3.5535, 2.0631



41.2219, -32.5184, 18.6741



3.4025, -2.3867, 0.8993

Inverse Universe

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



35.4839, 19.2552, -3.4129



43.5283, 32.3067, -5.6250



34.7670, 15.7229, 6.8097



22.5641, 1.1731, 0.4894



23.3007, 41.9424, -0.7518



1.9755, 3.6927, -1.1232

Previews

White Background



This preview shows how the HunterLab color 45.2867, -20.0288, 9.3438 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 45.2867, -20.0288, 9.3438 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 45.2867, -20.0288, 9.3438 Background



This preview shows how black text looks on a background with the HunterLab color 45.2867, -20.0288, 9.3438.



This preview shows how white text looks on a background with the HunterLab color 45.2867,

-20.0288, 9.3438.

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

45.2867, -20.0288, 9.3438

Protanopia

45.0116, -3.1361, 11.4636

Deuteranopia

45.0661, 3.0696, 8.4154



Tritanopia

45.1771, -10.6537, -5.9342

Trichromacy



Original Color

45.2867, -20.0288, 9.3438

Protanomaly

44.7158, -9.9644, 10.3649

Deuteranomaly

44.8227, -6.3340, 8.3709

Tritanomaly

45.2048, -14.4506, 0.3618

Monochromacy



Original Color

45.2867, -20.0288, 9.3438

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

43.1403, -9.2349, 4.9499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2867, -20.0288, 9.3438 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(83, 136, 107)` looks like.

```
.text, #text, p{  
    color:rgb(83, 136, 107)  
}
```

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(83, 136, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 136, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2867, -20.0288, 9.3438 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(83, 136, 107) }
```


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

```
.border{ border-color:rgb(83, 136, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 136, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 136, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 136, 107);  
box-shadow:4px 4px 4px 4px rgb(83, 136,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.2867, -20.0288, 9.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 136, 107) }
```

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

```
.background{ background-color: rgb(83, 136,  
107) }
```

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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