

Converting Colors

Hex(5A8466)

Have a look what the booklet for
Hex(5A8466) contains.

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Color

Hex(5A8466)

Conversions

Conversions Part 1

Format	Color
Hex	5A8466
RGB	90, 132, 102
RGB Percent	35%, 52%, 40%
CMY	0.6471, 0.4824, 0.6000
CMYK	0.32, 0.00, 0.23, 0.48
HSL	137°, 19%, 44%
HSV	137°, 32%, 52%
XYZ	14.8660, 19.6355, 15.5769
YIQ	116.0220, -15.4020, -18.2340

Conversions

Conversions Part 2

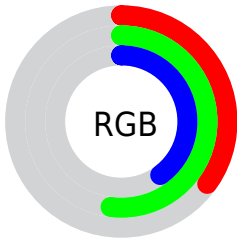
Format	Color
R_{YB}	90, 123, 132
Decimal	5932134
CIE _{Lab}	51.42, -21.22, 11.64
CIE _{LCh}	51, 24.205, 151.244
Yxy	19.6355, 0.2969, 0.3921
Android (android.graphics.Color)	4284122214 (0xFF5A8466)
YUV	116.0220, -6.9128, -22.8213
Hunter-Lab	44.3120, -17.6619, 10.1763

Details

The Hex color **5A8466** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **845A78**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8DB999**, and **2A5237** is the 20% darker color. If you saturate the color by 10%, you get **4D845D**, and if you desaturate by 10%, it is **67846F**.

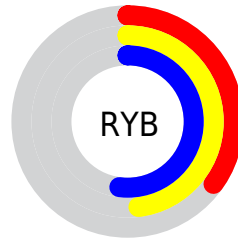
Distribution



Red (35%)

Green (52%)

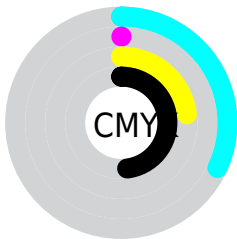
Blue (40%)



Red (35%)

Yellow (48%)

Blue (52%)

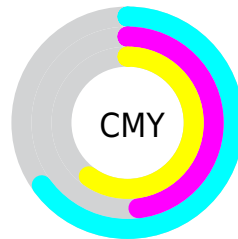


Cyan (32%)

Magenta (0%)

Yellow (23%)

Black (48%)



Cyan (65%)

Magenta (48%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8466 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 Hex color 5A8466 by changing the saturation by 10% instead.

 5A8466

 5A8466

FFFFFF

 426B4E

 8DB999

 2A5237

 A8D5B4

 123B21

 C4F2CF

 00250C

 E0FFEC

 000A00

 F0FFFF

 000000

 5A8466

 5A8466

 4D845D

 67846F

 408453

 748479

 32844A

 828482

 258440

 8F848C

 188437

 9C8495

 0B842D

 A9849F

 008426

 B684A8

 C484B1

 D184BB

Harmonies

Analogous

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



728057



5A8466



43867B

Triad

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



5A8466



607CA4



A36D66

Complementary

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



5A8466



845A78

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.



A26B7A



5A8466



7F759E

Square

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



5A8466



43829E



966E8F



997257

Rectangle

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



5A8466



388689



966E8F



A46C6D

Sweetspot

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



5A8466



9AAB9F



78845A



4C574F



D6D6D6



575757

Same Dimension

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



5A8466



6AAB7C



5A847B



3C423E



008225



000301

Inverse Universe

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



845A78



AB6A98



845A63



423C40



82005D



030002

Previews

White Background



This preview shows how the Hex color 5A8466 looks on a white background.

Color Contrast Check

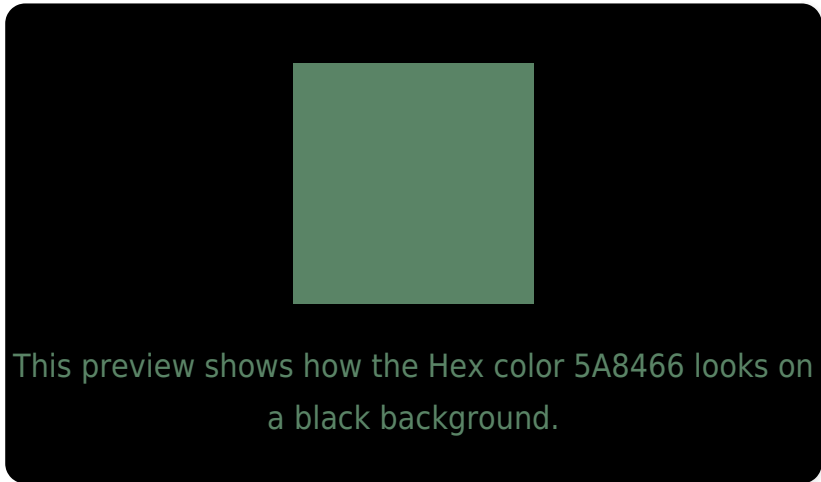
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

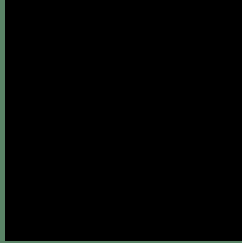
Any Text WCAG AA ✓ Pass

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](#).

Hex 5A8466 Background



This preview shows how black text looks on a background with the Hex color 5A8466.



This preview shows how white text looks on a background with the Hex color 5A8466.

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
5A8466

Protanopia
827A61

Deuteranopia
8C7669



Tritanopia
617F89

Trichromacy



Original Color
5A8466

Protanomaly
737E63

Deuteranomaly
7A7B68

Tritanomaly
5E817C

Monochromacy



Original Color
5A8466

Achromatopsia
747474

Achromatomaly
6B7A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8466 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 #5A8466 looks like.

```
.text, #text, p{  
    color:#5A8466  
}
```

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 #5A8466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8466
}
```

Border

The CSS property to change the border of an element to Hex 5A8466 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
#5A8466 }
```

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

```
.border{ border-color:#5A8466 }
```

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

Here you see how a box with a 4 pixel #5A8466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8466; -webkit-box-shadow:4px 4px  
4px 4px #5A8466; box-shadow:4px 4px 4px  
4px #5A8466 }
```

Background

The CSS property to change the background color of an element to Hex 5A8466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8466 }
```

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

```
.background{ background-color:#5A8466 }
```

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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