

Converting Colors

Hex(5F9376)

Have a look what the booklet for
Hex(5F9376) contains.

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Color

Hex(5F9376)

Conversions

Conversions Part 1

Format	Color
Hex	5F9376
RGB	95, 147, 118
RGB Percent	37%, 58%, 46%
CMY	0.6275, 0.4235, 0.5373
CMYK	0.35, 0.00, 0.20, 0.42
HSL	147°, 21%, 47%
HSV	147°, 35%, 58%
XYZ	18.4230, 24.6083, 20.9184
YIQ	128.1460, -21.6830, -20.0430

Conversions

Conversions Part 2

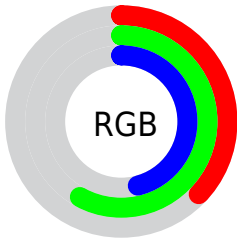
Format	Color
R_{YB}	95, 131, 147
Decimal	6263670
CIE _{Lab}	56.69, -23.96, 9.93
CIE _{LCh}	57, 25.938, 157.497
Yxy	24.6083, 0.2881, 0.3848
Android (android.graphics.Color)	4284453750 (0xFF5F9376)
YUV	128.1460, -5.0020, -29.0690
Hunter-Lab	49.6068, -20.5203, 9.7231

Details

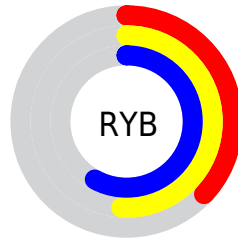
The Hex color **5F9376** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **935F7C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **93C9AA**, and **2D6046** is the 20% darker color. If you saturate the color by 10%, you get **50936E**, and if you desaturate by 10%, it is **6E937E**.

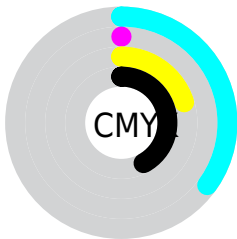
Distribution



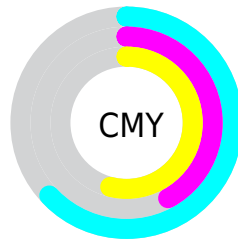
- Red (37%)
- Green (58%)
- Blue (46%)



- Red (37%)
- Yellow (51%)
- Blue (58%)



- Cyan (35%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9376 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 5F9376 by changing the saturation by 10% instead.



5F9376



5F9376

FFFFFF



46795D



93C9AA



2D6046



AEE5C5



14482F



CAFFE1



00311A



E7FFFE



001E00



000000



5F9376



5F9376



50936E



6E937E



429366



7C9386

■ 33935D

■ 8B938F

■ 249355

■ 9A9397

■ 16934D

■ A9939F

■ 079345

■ B793A7

■ 009341

■ C693AF

■ D593B8

■ E393C0

Harmonies

Analogous

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



798F64



5F9376



47958D

Triad

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



5F9376



7388B4



B37A6E

Complementary

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



5F9376



935F7C

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.



B47783



5F9376



9280AC

Square

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



5F9376



528FB1



A9799A



A6815F

Rectangle

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



5F9376



3F949C



A9799A



B57974

Sweetspot

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



5F9376



AABFB4



7C935F



54615A



E0E0E0



616161

Same Dimension

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



5F9376



6FBF92



5F9390



434A46



008A3D



000A05

Inverse Universe

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



935F7C



BF6F9C



935F62



4A4347



8A004D



0A0006

Previews

White Background



This preview shows how the Hex color 5F9376 looks on a white background.

Color Contrast Check

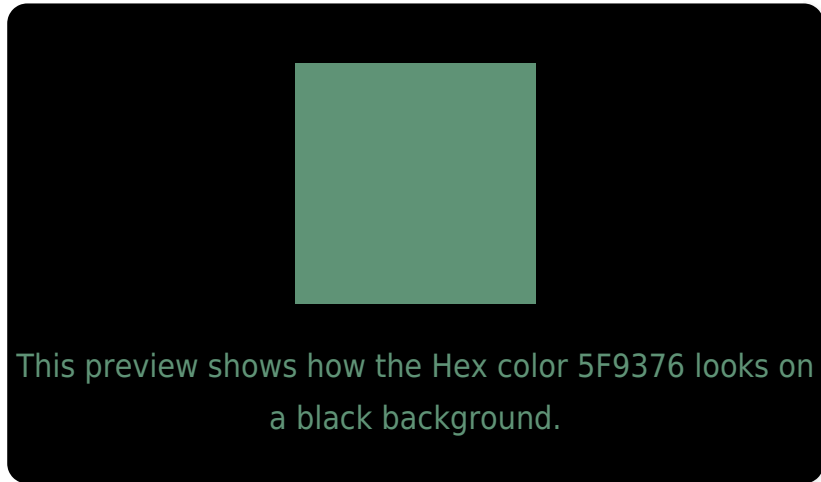
Large Text (above 18pt) WCAG AA ✓ Pass

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

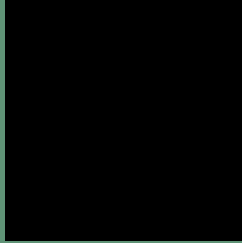
Any Text WCAG AA ✓ Pass

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 5F9376 Background



This preview shows how black text looks on a background with the Hex color 5F9376.



This preview shows how white text looks on a background with the Hex color 5F9376.

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





Tritanopia
678E9A

Trichromacy



Original Color
5F9376

Protanomaly
7E8B72

Deuteranomaly
858978

Tritanomaly
64908D

Monochromacy



Original Color
5F9376

Achromatopsia
808080

Achromatomaly
74877C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9376 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 #5F9376 looks like.

```
.text, #text, p{  
    color:#5F9376  
}
```

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 #5F9376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9376
}
```

Border

The CSS property to change the border of an element to Hex 5F9376 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
#5F9376 }
```

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

```
.border{ border-color:#5F9376 }
```

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

Here you see how a box with a 4 pixel #5F9376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9376; -webkit-box-shadow:4px 4px  
4px 4px #5F9376; box-shadow:4px 4px 4px  
4px #5F9376 }
```

Background

The CSS property to change the background color of an element to Hex 5F9376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9376 }
```

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

```
.background{ background-color:#5F9376 }
```

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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