

Converting Colors

Hex(5D9365)

Have a look what the booklet for
Hex(5D9365) contains.

Hex(5D9365)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D9365)

Conversions

Conversions Part 1

Format	Color
Hex	5D9365
RGB	93, 147, 101
RGB Percent	36%, 58%, 40%
CMY	0.6353, 0.4235, 0.6039
CMYK	0.37, 0.00, 0.31, 0.42
HSL	129°, 22%, 47%
HSV	129°, 37%, 58%
XYZ	17.2969, 24.1342, 16.0586
YIQ	125.6100, -17.4180, -25.7540

Conversions

Conversions Part 2

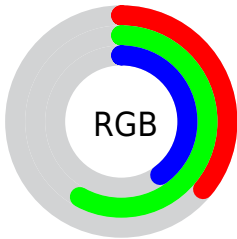
Format	Color
R_{YB}	93, 140, 147
Decimal	6132581
CIE _{Lab}	56.22, -27.96, 18.85
CIE _{LCh}	56, 33.720, 146.008
Yxy	24.1342, 0.3009, 0.4198
Android (android.graphics.Color)	4284322661 (0xFF5D9365)
YUV	125.6100, -12.1327, -28.5990
Hunter-Lab	49.1265, -23.1237, 15.0077

Details

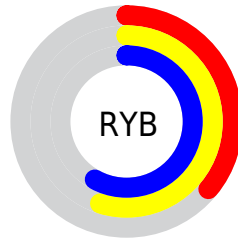
The Hex color **5D9365** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **935D8B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **91C998**, and **2B6036** is the 20% darker color. If you saturate the color by 10%, you get **4E9358**, and if you desaturate by 10%, it is **6C9372**.

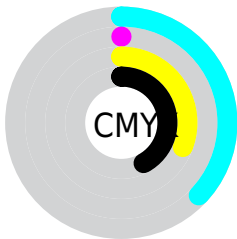
Distribution



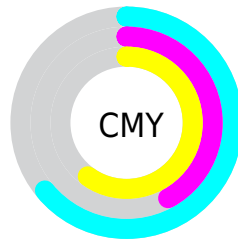
- Red (36%)
- Green (58%)
- Blue (40%)



- Red (36%)
- Yellow (55%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9365 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 5D9365 by changing the saturation by 10% instead.

■ 5D9365

■ 5D9365

FFFFFF

■ 44794D

■ 91C998

■ 2B6036

■ ACE6B3

■ 104820

■ C8FFCF

■ 00310A

■ E5FFEB

■ 001E00

■ 000000

■ 5D9365

■ 5D9365

■ 4E9358

■ 6C9372

■ 40934C

■ 7A937E

■ 31933F

■ 89938B

■ 229333

■ 989397

■ 139326

■ A793A4

■ 05931A

■ B593B0

■ 009316

■ C493BD

■ D393C9

■ E193D6

Harmonies

Analogous

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



808D51



5D9365



339682

Triad

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



5D9365



538BC1



BF716F

Complementary

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



5D9365



935D8B

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.



BC708C



5D9365



8481BB

Square

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



5D9365



0F92B7



A876A8



B47957

Rectangle

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



5D9365



039696



A876A8



C07078

Sweetspot

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



5D9365



AABFAD



8C935D



546156



E0E0E0



616161

Same Dimension

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



5D9365



6BBF78



5D937F



434A44



008A14



000A02

Inverse Universe

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



935D8B



BF6BB3



935D71



4A4349



8A0075



0A0009

Previews

White Background



This preview shows how the Hex color 5D9365 looks on a white background.

Color Contrast Check

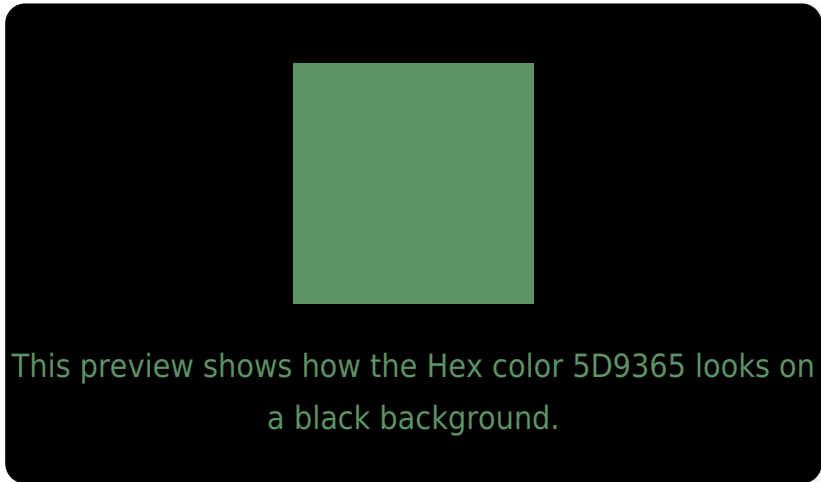
Large Text (above 18pt) WCAG AA ✓ Pass

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

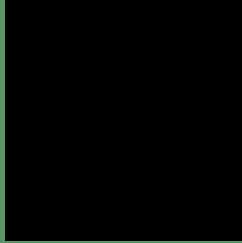
Any Text WCAG AA ✓ Pass

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 5D9365 Background



This preview shows how black text looks on a background with the Hex color 5D9365.



This preview shows how white text looks on a background with the Hex color 5D9365.

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
678D98

Trichromacy



Original Color
5D9365

Protanomaly
7E8B61

Deuteranomaly
868868

Tritanomaly
638F85

Monochromacy



Original Color
5D9365

Achromatopsia
7E7E7E

Achromatomaly
728675

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9365 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 #5D9365 looks like.

```
.text, #text, p{  
    color:#5D9365  
}
```

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 #5D9365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9365
}
```

Border

The CSS property to change the border of an element to Hex 5D9365 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
#5D9365 }
```

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

```
.border{ border-color:#5D9365 }
```

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

Here you see how a box with a 4 pixel #5D9365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9365; -webkit-box-shadow:4px 4px  
4px 4px #5D9365; box-shadow:4px 4px 4px  
4px #5D9365 }
```

Background

The CSS property to change the background color of an element to Hex 5D9365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9365 }
```

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

```
.background{ background-color:#5D9365 }
```

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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