

Converting Colors

Hex(5D815D)

Have a look what the booklet for
Hex(5D815D) contains.

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Color

Hex(5D815D)

Conversions

Conversions Part 1

Format	Color
Hex	5D815D
RGB	93, 129, 93
RGB Percent	36%, 51%, 36%
CMY	0.6353, 0.4941, 0.6353
CMYK	0.28, 0.00, 0.28, 0.49
HSL	120°, 16%, 44%
HSV	120°, 28%, 51%
XYZ	14.3402, 18.8180, 13.2323
YIQ	114.1320, -9.9000, -18.8280

Conversions

Conversions Part 2

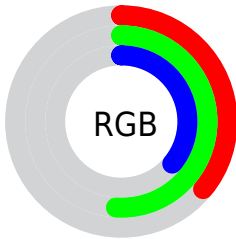
Format	Color
R_{YB}	93, 129, 129
Decimal	6127965
CIE _{Lab}	50.47, -20.34, 15.54
CIE _{LCh}	50, 25.602, 142.617
Yxy	18.8180, 0.3091, 0.4056
Android (android.graphics.Color)	4284318045 (0xFF5D815D)
YUV	114.1320, -10.4181, -18.5328
Hunter-Lab	43.3797, -16.9068, 12.2802

Details

The Hex color **5D815D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **815D81**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **90B68F**, and **2D4F2F** is the 20% darker color. If you saturate the color by 10%, you get **508150**, and if you desaturate by 10%, it is **6A816A**.

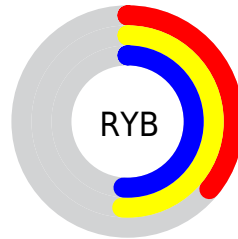
Distribution



Red (36%)

Green (51%)

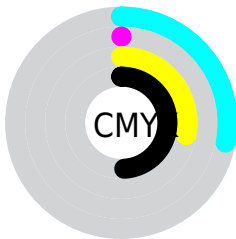
Blue (36%)



Red (36%)

Yellow (51%)

Blue (51%)

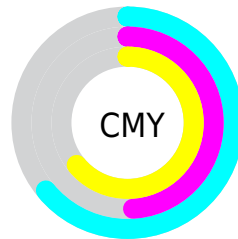


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (49%)



Cyan (64%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D815D 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 5D815D by changing the saturation by 10% instead.

■ 5D815D

■ 5D815D

FFFFFF

■ 456845

■ 90B68F

■ 2D4F2F

■ ABD2AA

■ 163819

■ C7EEC5

■ 022300

■ E3FFE1

■ 000300

FFFFFFE

■ 000000

■ 5D815D

■ 5D815D

■ 508150

■ 6A816A

■ 438143

■ 778177

 368136

 848184

 298129

 918191

 1D811D

 9D819D

 108110

 AA81AA

 038103

 B781B7

 008100

 C481C4

 D181D1

Harmonies

Analogous

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



767C4F



5D815D



438472

Triad

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



5D815D



527CA3



A36868

Complementary

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



5D815D



815D81

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.



9F687E



5D815D



7374A0

Square

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



5D815D



34819A



8F6D93



9C6E56

Rectangle

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



5D815D



338481



8F6D93



A36870

Sweetspot

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



5D815D



9BA89B



81815D



4C544C



D4D4D4



545454

Same Dimension

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



5D815D



71A871



5D816F



394039



008000



000000

Inverse Universe

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



815D81



A871A8



815D6F



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 5D815D looks on a white background.

Color Contrast Check

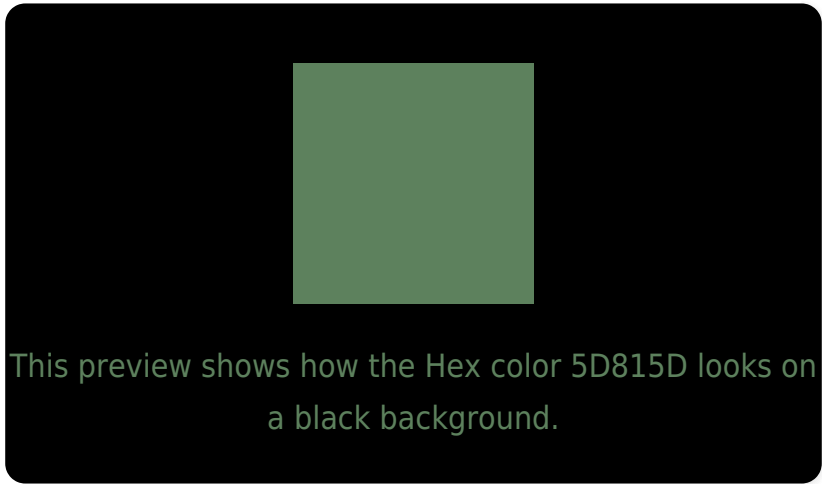
Large Text (above 18pt) WCAG AA ✓ Pass

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

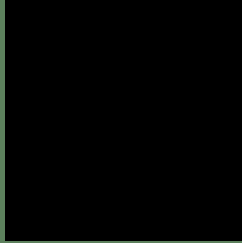
Any Text WCAG AA ✓ Pass

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 5D815D Background



This preview shows how black text looks on a background with the Hex color 5D815D.



This preview shows how white text looks on a background with the Hex color 5D815D.

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
5D815D

Protanopia
807859

Deuteranopia
8B7360



Tritanopia
647C86

Trichromacy



Original Color
5D815D

Protanomaly
737B5A

Deuteranomaly
7A785F

Tritanomaly
617E77

Monochromacy



Original Color
5D815D

Achromatopsia
727272

Achromatomaly
6A776A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D815D 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 #5D815D looks like.

```
.text, #text, p{  
    color:#5D815D  
}
```

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 #5D815D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D815D
}
```

Border

The CSS property to change the border of an element to Hex 5D815D 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
#5D815D }
```

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

```
.border{ border-color:#5D815D }
```

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

Here you see how a box with a 4 pixel #5D815D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D815D; -webkit-box-shadow:4px 4px  
4px 4px #5D815D; box-shadow:4px 4px 4px  
4px #5D815D }
```

Background

The CSS property to change the background color of an element to Hex 5D815D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D815D }
```

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

```
.background{ background-color:#5D815D }
```

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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