

Converting Colors

Hex(5D8C19)

Have a look what the booklet for
Hex(5D8C19) contains.

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Color

Hex(5D8C19)

Conversions

Conversions Part 1

Format	Color
Hex	5D8C19
RGB	93, 140, 25
RGB Percent	36%, 55%, 10%
CMY	0.6353, 0.4510, 0.9020
CMYK	0.34, 0.00, 0.82, 0.45
HSL	85°, 70%, 32%
HSV	85°, 82%, 55%
XYZ	14.0678, 21.1535, 4.2613
YIQ	112.8370, 8.9030, -45.7290

Conversions

Conversions Part 2

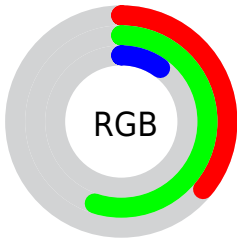
Format	Color
RYB	25, 140, 72
Decimal	6130713
CIELab	53.12, -33.43, 51.26
CIElCh	53, 61.204, 123.113
Yxy	21.1535, 0.3563, 0.5358
Android (android.graphics.Color)	4284320793 (0xFF5D8C19)
YUV	112.8370, -43.3036, -17.3970
Hunter-Lab	45.9929, -25.8903, 26.7018

Details

The Hex color **5D8C19** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **48198C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **93C250**, and **285900** is the 20% darker color. If you saturate the color by 10%, you get **578C0B**, and if you desaturate by 10%, it is **638C27**.

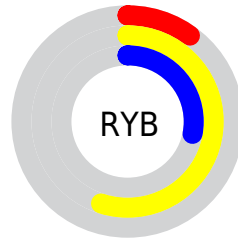
Distribution



Red (36%)

Green (55%)

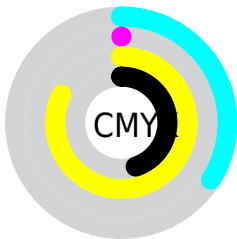
Blue (10%)



Red (10%)

Yellow (55%)

Blue (28%)

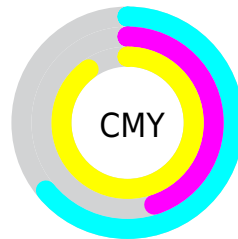


Cyan (34%)

Magenta (0%)

Yellow (82%)

Black (45%)



Cyan (64%)

Magenta (45%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8C19 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 5D8C19 by changing the saturation by 10% instead.

 5D8C19

 5D8C19

FFFFFF

 427200

 93C250

 285900

 AFDE6A

 064200

 CCFB85

 002B00

 E9FFA0

 001300

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 5D8C19

 5D8C19

■ 578C0B

■ 638C27

■ 538C00

■ 688C35

■ 6E8C43

■ 748C51

■ 7A8C5F

■ 7F8C6D

■ 858C7B

■ 8B8C89

■ 908C97

Harmonies

Analogous

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



937E00



5D8C19



00944C

Triad

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



5D8C19



0091DD



DB487C

Complementary

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



5D8C19



48198C

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.



C256AF



5D8C19



0083E9

Square

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



5D8C19



0096B7



856ED8



D75348

Rectangle

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



5D8C19



009671



856ED8



D64A8D

Sweetspot

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



5D8C19



A3B588



8C4719



515C40



DBDBDB



5C5C5C

Same Dimension

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



5D8C19



6CB502



258C19



42453E



4E8500



030500

Inverse Universe

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



48198C



4B02B5



81198C



413E45



360085



020005

Previews

White Background



This preview shows how the Hex color 5D8C19 looks on a white background.

Color Contrast Check

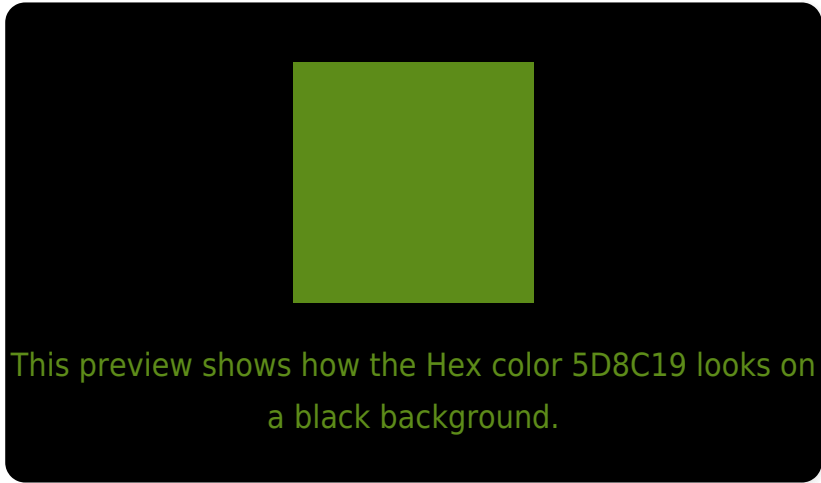
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D8C19 Background



This preview shows how black text looks on a background with the Hex color 5D8C19.



This preview shows how white text looks on a background with the Hex color 5D8C19.

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
5D8C19

Protanopia
8E7F15

Deuteranopia
9F7824



Tritanopia
6B828D

Trichromacy



Original Color
5D8C19

Protanomaly
7C8416

Deuteranomaly
877F20

Tritanomaly
668663

Monochromacy



Original Color
5D8C19

Achromatopsia
717171

Achromatomaly
6A7B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8C19 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 #5D8C19 looks like.

```
.text, #text, p{  
    color:#5D8C19  
}
```

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 #5D8C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8C19
}
```

Border

The CSS property to change the border of an element to Hex 5D8C19 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
#5D8C19 }
```

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

```
.border{ border-color:#5D8C19 }
```

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

Here you see how a box with a 4 pixel #5D8C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8C19; -webkit-box-shadow:4px 4px  
4px 4px #5D8C19; box-shadow:4px 4px 4px  
4px #5D8C19 }
```

Background

The CSS property to change the background color of an element to Hex 5D8C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8C19 }
```

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

```
.background{ background-color:#5D8C19 }
```

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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