

Converting Colors

Hex(5D3D19)

Have a look what the booklet for
Hex(5D3D19) contains.

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Color

Hex(5D3D19)

Conversions

Conversions Part 1

Format	Color
Hex	5D3D19
RGB	93, 61, 25
RGB Percent	36%, 24%, 10%
CMY	0.6353, 0.7608, 0.9020
CMYK	0.00, 0.34, 0.73, 0.64
HSL	32°, 58%, 23%
HSV	32°, 73%, 36%
XYZ	6.3584, 5.7348, 1.6915
YIQ	66.4640, 30.6280, -4.4120

Conversions

Conversions Part 2

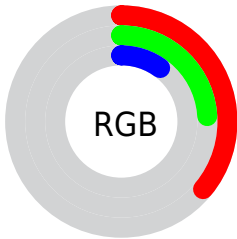
Format	Color
RYB	85, 93, 25
Decimal	6110489
CIELab	28.73, 10.16, 27.22
CIELCh	29, 29.056, 69.538
Yxy	5.7348, 0.4613, 0.4160
Android (android.graphics.Color)	4284300569 (0xFF5D3D19)
YUV	66.4640, -20.4418, 23.2721
Hunter-Lab	23.9475, 5.4862, 12.5754

Details

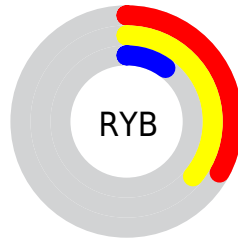
The Hex color **5D3D19** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **19395D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **926C46**, and **2B1300** is the 20% darker color. If you saturate the color by 10%, you get **5D3910**, and if you desaturate by 10%, it is **5D4122**.

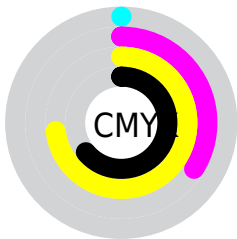
Distribution



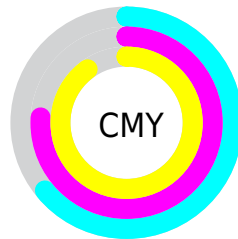
- Red (36%)
- Green (24%)
- Blue (10%)



- Red (33%)
- Yellow (36%)
- Blue (10%)



- Cyan (0%)
- Magenta (34%)
- Yellow (73%)
- Black (64%)



- Cyan (64%)
- Magenta (76%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3D19 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 5D3D19 by changing the saturation by 10% instead.

 5D3D19

 5D3D19

FFFFFF

 442700

 926C46

 2B1300

 AE865E

 0C0000

 CAA077

 000000

 E7BB91

 FFD7AC

 FFF3C7

 FFFFE3

 5D3D19

 5D3D19

■ 5D3910

■ 5D4122

■ 5D3406

■ 5D462C

■ 5D3100

■ 5D4A35

■ 5D4F3E

■ 5D5348

■ 5D5751

■ 5D5C5A

■ 5D6063

■ 5D646D

Harmonies

Analogous

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



6A3528



5D3D19



4A4515

Triad

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



5D3D19



004F4A



4F3B66

Complementary

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



5D3D19



19395D

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.



294470



5D3D19



004E60

Square

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



5D3D19



0B4E33



004A6D



653354

Rectangle

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



5D3D19



3A491B



004A6D



443E6B

Sweetspot

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



5D3D19



786B5D



5D193A



3D362D



BDBDBD



3D3D3D

Same Dimension

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



5D3D19



78460E



5C5D19



2E2C29



6E3A00



ED7E00

Inverse Universe

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



19395D



0E4078



1A195D



292B2E



00346E



0070ED

Previews

White Background



This preview shows how the Hex color 5D3D19 looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

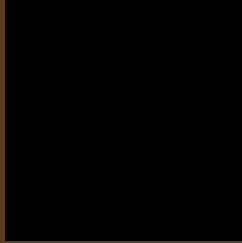
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5D3D19 Background



This preview shows how black text looks on a background with the Hex color 5D3D19.



This preview shows how white text looks on a background with the Hex color 5D3D19.

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
5D3D19

Protanopia
4C441B

Deuteranopia
554118



Tritanopia
5F393D

Trichromacy



Original Color
5D3D19

Protanomaly
52411A

Deuteranomaly
584018

Tritanomaly
5E3A30

Monochromacy



Original Color
5D3D19

Achromatopsia
424242

Achromatomaly
4C4033

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3D19 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 #5D3D19 looks like.

```
.text, #text, p{  
    color:#5D3D19  
}
```

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 #5D3D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3D19
}
```

Border

The CSS property to change the border of an element to Hex 5D3D19 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
#5D3D19 }
```

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

```
.border{ border-color:#5D3D19 }
```

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

Here you see how a box with a 4 pixel #5D3D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3D19; -webkit-box-shadow:4px 4px  
4px 4px #5D3D19; box-shadow:4px 4px 4px  
4px #5D3D19 }
```

Background

The CSS property to change the background color of an element to Hex 5D3D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3D19 }
```

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

```
.background{ background-color:#5D3D19 }
```

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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