Converting Colors

Hex(5F6316)

Have a look what the booklet for Hex(5F6316) contains.

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Color

Hex(5F6316)

Conversions

Conversions Part 1

Format	Color
Hex	5F6316
RGB	95, 99, 22
RGB Percent	37%, 39%, 9%
CMY	0.6275, 0.6118, 0.9137
CMYK	0.04, 0.00, 0.78, 0.61
HSL	63°, 64%, 24%
HSV	63°, 78%, 39%
XYZ	9.3260, 11.4145, 2.4707
YIQ	89.0260, 22.3330, -24.7950

Conversions

Conversions Part 2

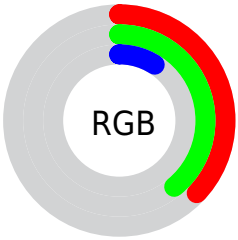
Format	Color
RYB	22, 99, 26
Decimal	6251286
CIELab	40.27, -11.93, 40.40
CIELCh	40, 42.119, 106.450
Yxy	11.4145, 0.4018, 0.4918
Android (android.graphics.Color)	4284441366 (0xFF5F6316)
YUV	89.0260, -33.0438, 5.2392
Hunter-Lab	33.7854, -9.8520, 19.3138

Details

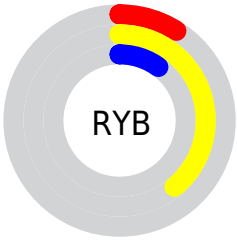
The Hex color 5F6316 is a dark color, and the websafe version is hex 666600. A complement of this color would be 1A1663, and the grayscale version is 595959.

A 20% lighter version of the original color is 949648, and 2E3500 is the 20% darker color. If you saturate the color by 10%, you get 5E630C, and if you desaturate by 10%, it is 606320.

Distribution

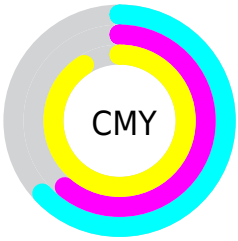


- Red (37%)
- Green (39%)
- Blue (9%)



- Red (9%)
- Yellow (39%)
- Blue (10%)

- Cyan (4%)
- Magenta (0%)
- Yellow (78%)
- Black (61%)



- Cyan (63%)
- Magenta (61%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6316 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 5F6316 by changing the saturation by 10% instead.

5F6316

FFFFFF

949648

AFB061

CBCC7A

E8E895

FFFFB0

FFFFCC

FFFFE8

5F6316

5F6316

464B00

2E3500

152000

000200

000000

5F6316

5F6316

5E630C

5E6302

5E6300

606320

60632A

616334

61633E

626348

626351

63635B

636365

64636F

Harmonies

Analogous

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

7E5818

5F6316

376B2D

Triad

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

5F6316

006D90

964170

Complementary

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

5F6316

1A1663

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.

794E8F

5F6316

0067A2

Square

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

5F6316

007071

425CA1

9E404D

Rectangle

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

5F6316

006E42

425CA1

8E457B

Sweetspot

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

5F6316

7E8062

631A16

3F402E

BFBFBF

404040

Same Dimension

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

5F6316

798009

396316

30302C

6A7000

E3F000

Inverse Universe

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

1A1663

0F0980

401663

2C2C30

060070

0C00F0

Previews

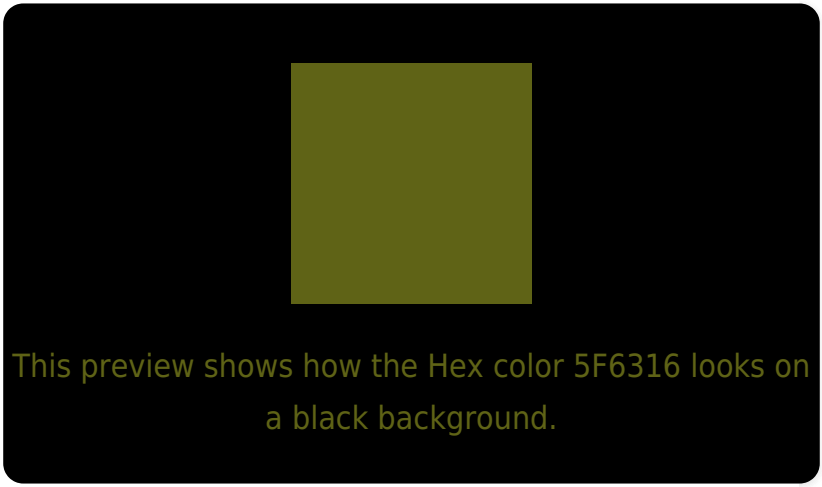
White Background

This preview shows how the Hex color 5F6316 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 ✕ Fail

Black 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

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 5F6316 Background

This preview shows how black text looks on a background with the Hex color 5F6316.

This preview shows how white text looks on a background with the Hex color 5F6316.

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
5F6316

Protanopia
6B5F15

Deuteranopia
775A1A

Tritanopia
665C63

Trichromacy

Original Color
5F6316

Protanomaly
676015

Deuteranomaly
6E5D19

Tritanomaly
635F47

Monochromacy

Original Color
5F6316

Achromatopsia
595959

Achromatomaly
5B5D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6316 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 #5F6316 looks like.

```
.text, #text, p{
    color:#5F6316
}
```

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 #5F6316 colored shadow looks like.

Here you see how black text with a 4 pixel #5F6316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6316 }
```

Border

The CSS property to change the border of an element to Hex 5F6316 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 #5F6316 }
```

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

```
.border{ border-color:#5F6316 }
```

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

Here you see how a box with a 4 pixel #5F6316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #5F6316; -webkit-box-shadow:4px 4px 4px 4px #5F6316; box-shadow:4px 4px 4px 4px #5F6316 }
```

Background

The CSS property to change the background color of an element to Hex 5F6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#5F6316 }
```

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

```
.background{ background-color:#5F6316 }
```

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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