

Converting Colors

Hex(556D1B)

Have a look what the booklet for
Hex(556D1B) contains.

Hex(556D1B)	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(556D1B)

Conversions

Conversions Part 1

Format	Color
Hex	556D1B
RGB	85, 109, 27
RGB Percent	33%, 43%, 11%
CMY	0.6667, 0.5725, 0.8941
CMYK	0.22, 0.00, 0.75, 0.57
HSL	78°, 60%, 27%
HSV	78°, 75%, 43%
XYZ	9.4128, 12.9477, 3.0400
YIQ	92.4760, 12.0180, -30.5900

Conversions

Conversions Part 2

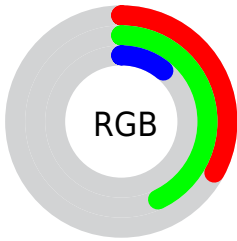
Format	Color
R_{YB}	27, 109, 51
Decimal	5598491
CIE _{Lab}	42.68, -21.62, 40.51
CIE _{LCh}	43, 45.915, 118.092
Yxy	12.9477, 0.3706, 0.5097
Android (android.graphics.Color)	4283788571 (0xFF556D1B)
YUV	92.4760, -32.2797, -6.5565
Hunter-Lab	35.9829, -16.2762, 20.1790

Details

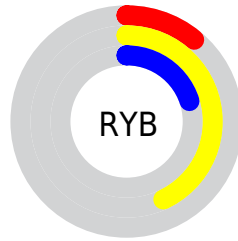
The Hex color **556D1B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **331B6D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **89A14D**, and **253D00** is the 20% darker color. If you saturate the color by 10%, you get **526D10**, and if you desaturate by 10%, it is **586D26**.

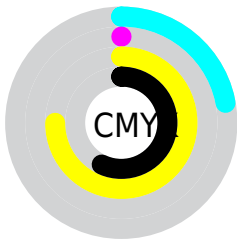
Distribution



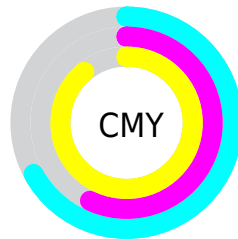
- Red (33%)
- Green (43%)
- Blue (11%)



- Red (11%)
- Yellow (43%)
- Blue (20%)



- Cyan (22%)
- Magenta (0%)
- Yellow (75%)
- Black (57%)



- Cyan (67%)
- Magenta (57%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556D1B 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 556D1B by changing the saturation by 10% instead.



556D1B



556D1B

FFFFFF



3C5500



89A14D



253D00



A4BC66



0A2700



C0D780



001100



DCF49B



000000



FAFFB6



FFFFD2



FFFFEF



556D1B



556D1B

■ 526D10

■ 586D26

■ 4F6D05

■ 5B6D31

■ 4D6D00

■ 5F6D3C

■ 626D47

■ 656D52

■ 686D5C

■ 6B6D67

■ 6F6D72

■ 726D7D

Harmonies

Analogous

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



7A620F



556D1B



1C743B

Triad

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



556D1B



0073A5



A74169

Complementary

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



556D1B



331B6D

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.



904B8D



556D1B



006AB1

Square

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



556D1B



007687



605CA8



A84543

Rectangle

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



556D1B



007654



605CA8



A24376

Sweetspot

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



556D1B



858F6E



6D321B



424733



C7C7C7



474747

Same Dimension

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



556D1B



698F0E



2D6D1B



343630



537500



ADF500

Inverse Universe

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



331B6D



340E8F



5B1B6D



323036



220075



4800F5

Previews

White Background



This preview shows how the Hex color 556D1B 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

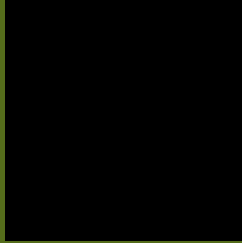
Any Text WCAG AA × Fail

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 556D1B Background



This preview shows how black text looks on a background with the Hex color 556D1B.



This preview shows how white text looks on a background with the Hex color 556D1B.

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](#).

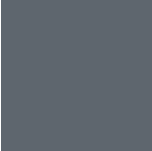
Dichromacy



Original Color
556D1B

Protanopia
716519

Deuteranopia
7E6021



Tritanopia
5E666E

Trichromacy



Original Color
556D1B

Protanomaly
67681A

Deuteranomaly
6F651F

Tritanomaly
5B6950

Monochromacy



Original Color
556D1B

Achromatopsia
5C5C5C

Achromatomaly
596244

CSS Examples

Text

The CSS property to change the color of the text to Hex 556D1B 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 #556D1B looks like.

```
.text, #text, p{  
    color:#556D1B  
}
```

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 #556D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556D1B
}
```

Border

The CSS property to change the border of an element to Hex 556D1B 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
#556D1B }
```

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

```
.border{ border-color:#556D1B }
```

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

Here you see how a box with a 4 pixel #556D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556D1B; -webkit-box-shadow:4px 4px  
4px 4px #556D1B; box-shadow:4px 4px 4px  
4px #556D1B }
```

Background

The CSS property to change the background color of an element to Hex 556D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556D1B }
```

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

```
.background{ background-color:#556D1B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor