

Converting Colors

Hex(536A18)

Have a look what the booklet for
Hex(536A18) contains.

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Color

Hex(536A18)

Conversions

Conversions Part 1

Format	Color
Hex	536A18
RGB	83, 106, 24
RGB Percent	33%, 42%, 9%
CMY	0.6745, 0.5843, 0.9059
CMYK	0.22, 0.00, 0.77, 0.58
HSL	77°, 63%, 25%
HSV	77°, 77%, 42%
XYZ	8.8862, 12.2130, 2.7531
YIQ	89.7750, 12.6140, -30.3780

Conversions

Conversions Part 2

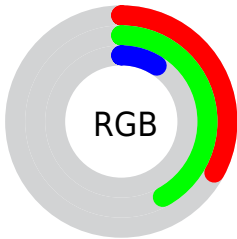
Format	Color
R_{YB}	24, 106, 47
Decimal	5466648
CIE _{Lab}	41.55, -21.14, 40.53
CIE _{LCh}	42, 45.709, 117.548
Yxy	12.2130, 0.3725, 0.5120
Android (android.graphics.Color)	4283656728 (0xFF536A18)
YUV	89.7750, -32.4271, -5.9417
Hunter-Lab	34.9471, -15.7694, 19.7921

Details

The Hex color **536A18** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2F186A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **879D4A**, and **233B00** is the 20% darker color. If you saturate the color by 10%, you get **506A0D**, and if you desaturate by 10%, it is **566A23**.

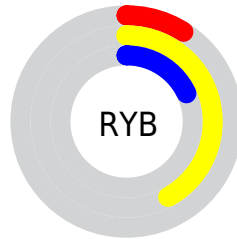
Distribution



Red (33%)

Green (42%)

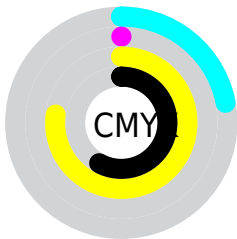
Blue (9%)



Red (9%)

Yellow (42%)

Blue (18%)

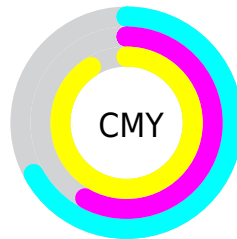


Cyan (22%)

Magenta (0%)

Yellow (77%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536A18 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 536A18 by changing the saturation by 10% instead.



536A18



536A18

FFFFFF



3A5200



879D4A



233B00



A2B863



072500



BED47D



000B00



DAF098



000000



F7FFB3



FFFFCF



FFFFEB



536A18



536A18

■ 506A0D

■ 566A23

■ 4D6A03

■ 596A2D

■ 4C6A00

■ 5C6A38

■ 5F6A42

■ 626A4D

■ 656A58

■ 686A62

■ 6B6A6D

■ 6E6A77

Harmonies

Analogous

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



785F0C



536A18



1A7138

Triad

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



536A18



0070A1



A33E67

Complementary

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



536A18



2F186A

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.



8C498B



536A18



0067AD

Square

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



536A18



007484



5C59A5



A44242

Rectangle

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



536A18



007351



5C59A5



9E4073

Sweetspot

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



536A18



818A6A



6A2E18



3F4532



C4C4C4



454545

Same Dimension

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



536A18



668A0A



2B6A18



343630



547500



B0F500

Inverse Universe

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



2F186A



2E0A8A



57186A



323036



210075



4500F5

Previews

White Background



This preview shows how the Hex color 536A18 looks on a white background.

Color Contrast Check

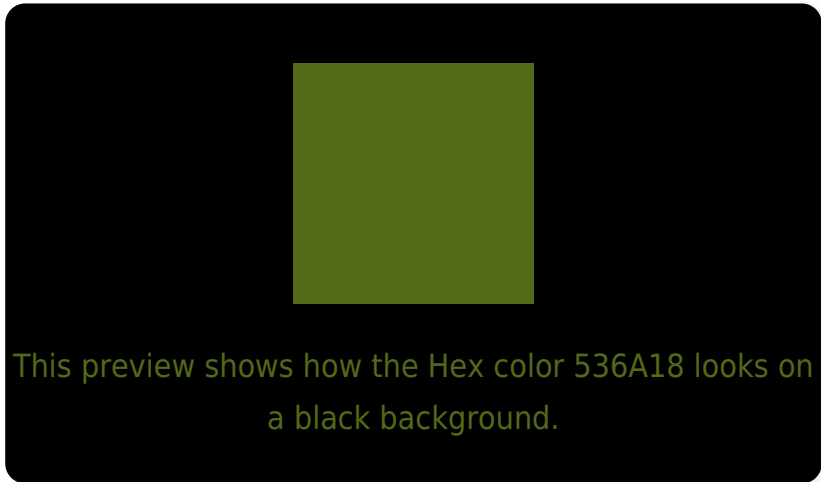
Large Text (above 18pt) WCAG AA ✓ Pass

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

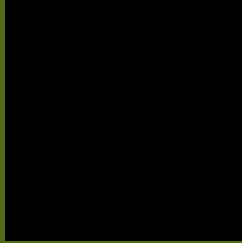
Any Text WCAG AA × Fail

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 536A18 Background



This preview shows how black text looks on a background with the Hex color 536A18.



This preview shows how white text looks on a background with the Hex color 536A18.

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](#).

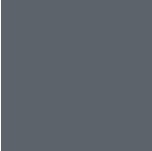
Dichromacy



Original Color
536A18

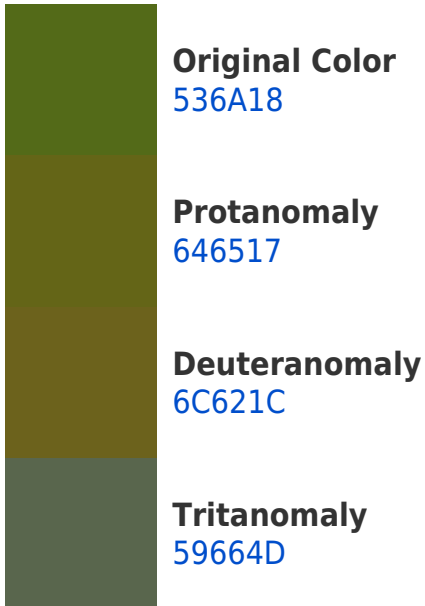
Protanopia
6E6216

Deuteranopia
7B5D1E

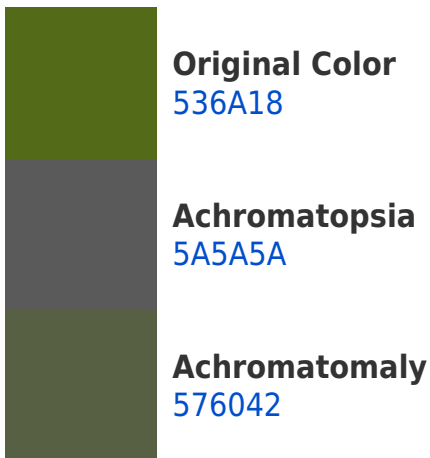


Tritanopia
5C636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 536A18 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 #536A18 looks like.

```
.text, #text, p{  
    color:#536A18  
}
```

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 #536A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536A18  
}
```

Border

The CSS property to change the border of an element to Hex 536A18 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  
#536A18 }
```

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

```
.border{ border-color:#536A18 }
```

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

Here you see how a box with a 4 pixel #536A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536A18; -webkit-box-shadow:4px 4px  
4px 4px #536A18; box-shadow:4px 4px 4px  
4px #536A18 }
```

Background

The CSS property to change the background color of an element to Hex 536A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536A18 }
```

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

```
.background{ background-color:#536A18 }
```

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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