

Converting Colors

Hex(536E34)

Have a look what the booklet for
Hex(536E34) contains.

Hex(536E34)	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(536E34)

Conversions

Conversions Part 1

Format	Color
Hex	536E34
RGB	83, 110, 52
RGB Percent	33%, 43%, 20%
CMY	0.6745, 0.5686, 0.7961
CMYK	0.25, 0.00, 0.53, 0.57
HSL	88°, 36%, 32%
HSV	88°, 53%, 43%
XYZ	9.7630, 13.2388, 5.2896
YIQ	95.3150, 2.5260, -23.7620

Conversions

Conversions Part 2

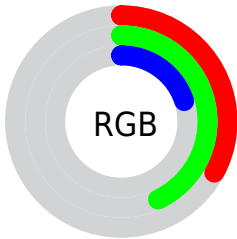
Format	Color
RYB	52, 110, 79
Decimal	5467700
CIELab	43.12, -20.67, 28.96
CIELCh	43, 35.575, 125.518
Yxy	13.2388, 0.3451, 0.4679
Android (android.graphics.Color)	4283657780 (0xFF536E34)
YUV	95.3150, -21.3543, -10.8003
Hunter-Lab	36.3852, -15.7780, 16.8502

Details

The Hex color **536E34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F346E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **86A264**, and **233E05** is the 20% darker color. If you saturate the color by 10%, you get **4E6E29**, and if you desaturate by 10%, it is **586E3F**.

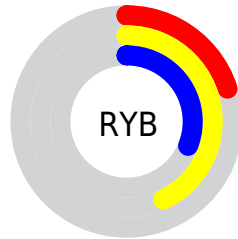
Distribution



Red (33%)

Green (43%)

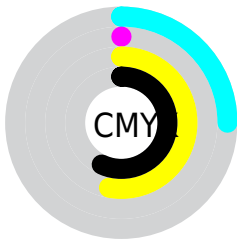
Blue (20%)



Red (20%)

Yellow (43%)

Blue (31%)

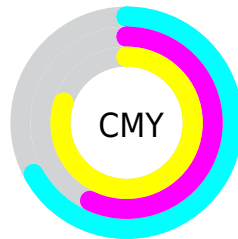


Cyan (25%)

Magenta (0%)

Yellow (53%)

Black (57%)



Cyan (67%)

Magenta (57%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536E34 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 536E34 by changing the saturation by 10% instead.

 536E34

 536E34

FFFFFF

 3B561D

 86A264

 233E05

 A1BD7D

 0D2800

 BCD998

 001300

 D8F5B3

 000000

 F5FFCE

 FFFFEB

 536E34

 536E34

 4E6E29

 586E3F

■ 496E1E

■ 5D6E4A

■ 446E13

■ 626E55

■ 3F6E08

■ 676E60

■ 3B6E00

■ 6D6E6B

■ 726E76

■ 776E81

■ 7C6E8C

■ 816E97

Harmonies

Analogous

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



726629



536E34



2A734C

Triad

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



536E34



006F9B



9C4D62

Complementary

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



536E34



4F346E

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.



8E517F



536E34



3C67A0

Square

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



536E34



007487



6F5C96



9A5145

Rectangle

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



536E34



007460



6F5C96



9A4D6C

Sweetspot

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



536E34



848F78



6E4E34



41473A



C7C7C7



474747

Same Dimension

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



536E34



658F35



376E34



353832



407800



84F700

Inverse Universe

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



4F346E



5F358F



6B346E



353238



380078



7300F7

Previews

White Background



This preview shows how the Hex color 536E34 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

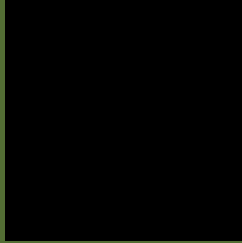
Any Text WCAG AA × Fail

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 536E34 Background



This preview shows how black text looks on a background with the Hex color 536E34.



This preview shows how white text looks on a background with the Hex color 536E34.

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
536E34

Protanopia
706631

Deuteranopia
7C6137



Tritanopia
5B6870

Trichromacy



Original Color
536E34

Protanomaly
656932

Deuteranomaly
6D6636

Tritanomaly
586A5A

Monochromacy



Original Color
536E34

Achromatopsia
5F5F5F

Achromatomaly
5B644F

CSS Examples

Text

The CSS property to change the color of the text to Hex 536E34 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 #536E34 looks like.

```
.text, #text, p{  
    color:#536E34  
}
```

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 #536E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536E34
}
```

Border

The CSS property to change the border of an element to Hex 536E34 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
#536E34 }
```

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

```
.border{ border-color:#536E34 }
```

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

Here you see how a box with a 4 pixel #536E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536E34; -webkit-box-shadow:4px 4px  
4px 4px #536E34; box-shadow:4px 4px 4px  
4px #536E34 }
```

Background

The CSS property to change the background color of an element to Hex 536E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536E34 }
```

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

```
.background{ background-color:#536E34 }
```

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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