

Converting Colors

Hex(536046)

Have a look what the booklet for
Hex(536046) contains.

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Color

Hex(536046)

Conversions

Conversions Part 1

Format	Color
Hex	536046
RGB	83, 96, 70
RGB Percent	33%, 38%, 27%
CMY	0.6745, 0.6235, 0.7255
CMYK	0.14, 0.00, 0.27, 0.62
HSL	90°, 16%, 33%
HSV	90°, 27%, 38%
XYZ	8.8556, 10.6469, 7.3827
YIQ	89.1490, 0.5980, -10.8420

Conversions

Conversions Part 2

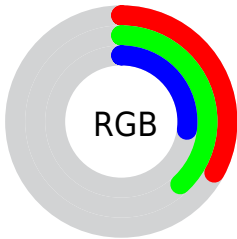
Format	Color
RYB	70, 96, 83
Decimal	5464134
CIELab	38.98, -10.31, 13.24
CIElCh	39, 16.778, 127.909
Yxy	10.6469, 0.3294, 0.3960
Android (android.graphics.Color)	4283654214 (0xFF536046)
YUV	89.1490, -9.4405, -5.3927
Hunter-Lab	32.6296, -8.6572, 9.4260

Details

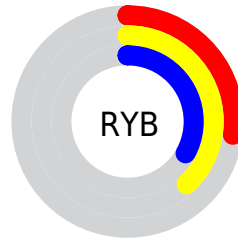
The Hex color **536046** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **534660**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **859376**, and **26321A** is the 20% darker color. If you saturate the color by 10%, you get **4E603C**, and if you desaturate by 10%, it is **586050**.

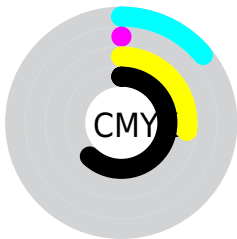
Distribution



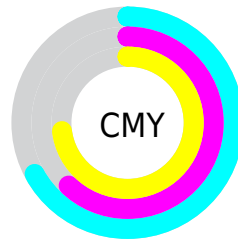
- Red (33%)
- Green (38%)
- Blue (27%)



- Red (27%)
- Yellow (38%)
- Blue (33%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (62%)



- Cyan (67%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536046 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 536046 by changing the saturation by 10% instead.

■ 536046

■ 536046

FFFFFF

■ 3C4830

■ 859376

■ 26321A

■ 9FAD90

■ 131D00

■ BAC8AB

■ 000000

■ D6E5C6

■ F2FFE2

■ 536046

■ 536046

■ 4E603C

■ 586050

■ 496033

■ 5D6059

■ 456029

■ 616063

■ 406020

■ 66606C

■ 3B6016

■ 6B6076

■ 36600C

■ 706080

■ 316003

■ 756089

■ 306000

■ 796093

■ 7E609C

Harmonies

Analogous

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



625C41



536046



436351

Triad

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



536046



3E6075



775259

Complementary

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



536046



534660

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.



705366



536046



505C77

Square

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



536046



33636C



625771



76544C

Rectangle

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



536046



3A635A



625771



76525D

Sweetspot

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



536046



787D73



605346



3D4039



BFBFBF



404040

Same Dimension

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



536046



687D54



466046



2E302C



387000



78F000

Inverse Universe

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



534660



68547D



604660



2E2C30



380070



7800F0

Previews

White Background



This preview shows how the Hex color 536046 looks on a white background.

Color Contrast Check

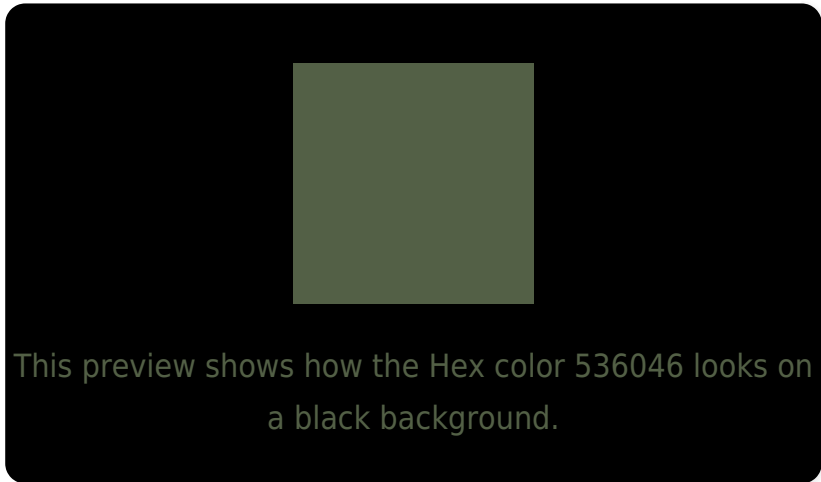
Large Text (above 18pt) WCAG AA ✓ Pass

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

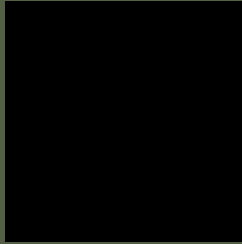
Any Text WCAG AA × Fail

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 536046 Background



This preview shows how black text looks on a background with the Hex color 536046.



This preview shows how white text looks on a background with the Hex color 536046.

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
536046

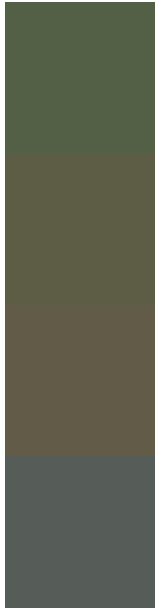
Protanopia
625C44

Deuteranopia
6B5848



Tritanopia
575C63

Trichromacy



Original Color
536046

Protanomaly
5D5D45

Deuteranomaly
625B47

Tritanomaly
565D58

Monochromacy



Original Color
536046

Achromatopsia
595959

Achromatomaly
575C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 536046 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 #536046 looks like.

```
.text, #text, p{  
    color:#536046  
}
```

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 #536046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536046
}
```

Border

The CSS property to change the border of an element to Hex 536046 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".

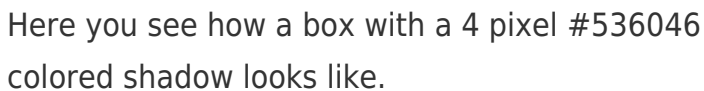
```
.border, #border, table{ border:4px solid
#536046 }
```

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

```
.border{ border-color:#536046 }
```

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

Here you see how a box with a 4 pixel #536046 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536046; -webkit-box-shadow:4px 4px  
4px 4px #536046; box-shadow:4px 4px 4px  
4px #536046 }
```

Background

The CSS property to change the background color of an element to Hex 536046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536046 }
```

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

```
.background{ background-color:#536046 }
```

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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