

Converting Colors

Hex(586731)

Have a look what the booklet for
Hex(586731) contains.

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Color

Hex(586731)

Conversions

Conversions Part 1

Format	Color
Hex	586731
RGB	88, 103, 49
RGB Percent	35%, 40%, 19%
CMY	0.6549, 0.5961, 0.8078
CMYK	0.15, 0.00, 0.52, 0.60
HSL	77°, 36%, 30%
HSV	77°, 52%, 40%
XYZ	9.4291, 11.9970, 4.7244
YIQ	92.3590, 8.3940, -19.9740

Conversions

Conversions Part 2

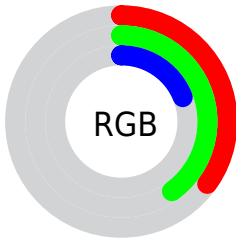
Format	Color
RYB	49, 103, 64
Decimal	5793585
CIELab	41.21, -15.14, 28.36
CIELCh	41, 32.148, 118.091
Yxy	11.9970, 0.3606, 0.4588
Android (android.graphics.Color)	4283983665 (0xFF586731)
YUV	92.3590, -21.3760, -3.8228
Hunter-Lab	34.6366, -12.0210, 16.1585

Details

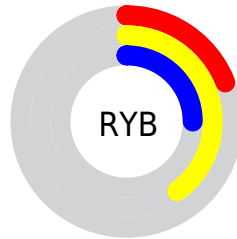
The Hex color **586731** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **403167**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8B9A61**, and **293802** is the 20% darker color. If you saturate the color by 10%, you get **556727**, and if you desaturate by 10%, it is **5B673B**.

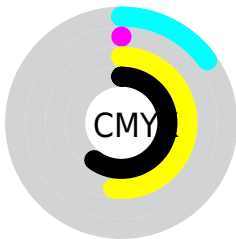
Distribution



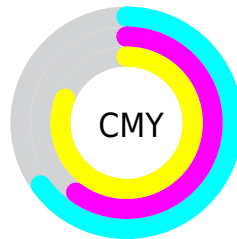
- Red (35%)
- Green (40%)
- Blue (19%)



- Red (19%)
- Yellow (40%)
- Blue (25%)



- Cyan (15%)
- Magenta (0%)
- Yellow (52%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586731 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 586731 by changing the saturation by 10% instead.

 586731

 586731

FFFFFF

 404F1A

 8B9A61

 293802

 A6B57A

 132200

 C1D094

 000800

 DEEDAF

 000000

 FAFFCA

 FFFFE7

 586731

 586731

 556727

 5B673B

■ 52671C

■ 5E6746

■ 4F6712

■ 616750

■ 4D6708

■ 63675A

■ 4A6700

■ 666765

■ 69676F

■ 6C6779

■ 6F6783

■ 72678E

Harmonies

Analogous

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



735F2B



586731



376C44

Triad

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



586731



006B8D



914B64

Complementary

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



586731



403167

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.



80517D



586731



2F6496

Square

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



586731



006E79



615B90



924D4A

Rectangle

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



586731



166E55



615B90



8D4D6D

Sweetspot

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



586731



818772



673F31



414538



C4C4C4



454545

Same Dimension

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



586731



6F8732



3E6731



32332E



537300



AFF200

Inverse Universe

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



403167



4A3287



5A3167



2F2E33



200073



4300F2

Previews

White Background



This preview shows how the Hex color 586731 looks on a white background.

Color Contrast Check

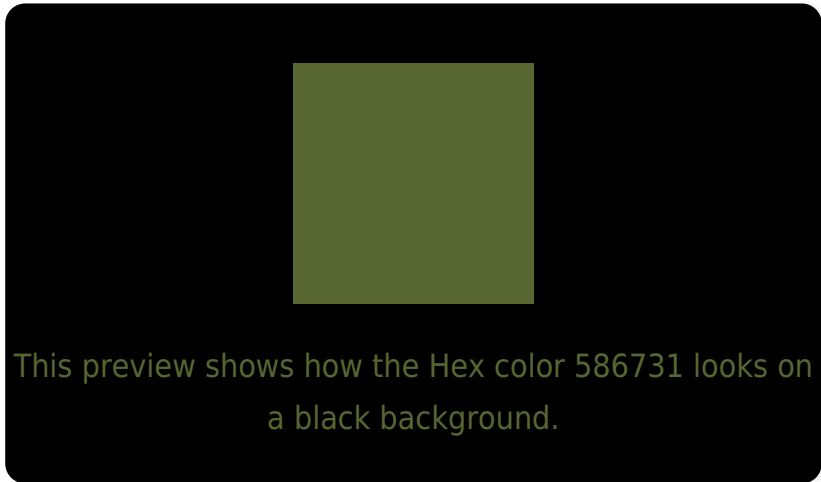
Large Text (above 18pt) WCAG AA ✓ Pass

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

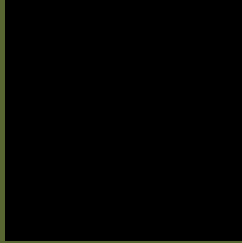
Any Text WCAG AA × Fail

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 586731 Background



This preview shows how black text looks on a background with the Hex color 586731.



This preview shows how white text looks on a background with the Hex color 586731.

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
586731

Protanopia
6B612F

Deuteranopia
775C34



Tritanopia
5F6169

Trichromacy



Original Color
586731

Protanomaly
646330

Deuteranomaly
6C6033

Tritanomaly
5C6355

Monochromacy



Original Color
586731

Achromatopsia
5C5C5C

Achromatomaly
5B604C

CSS Examples

Text

The CSS property to change the color of the text to Hex 586731 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 #586731 looks like.

```
.text, #text, p{  
    color:#586731  
}
```

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 #586731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586731
}
```

Border

The CSS property to change the border of an element to Hex 586731 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
#586731 }
```

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

```
.border{ border-color:#586731 }
```

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

Here you see how a box with a 4 pixel #586731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586731; -webkit-box-shadow:4px 4px  
4px 4px #586731; box-shadow:4px 4px 4px  
4px #586731 }
```

Background

The CSS property to change the background color of an element to Hex 586731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586731 }
```

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

```
.background{ background-color:#586731 }
```

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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