Converting Colors

Hex(586631)

Have a look what the booklet for Hex(586631) contains.

Hex(586631) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Hex(586631)

Conversions

Conversions Part 1

Format	Color
Hex	586631
RGB	88, 102, 49
RGB Percent	35%, 40%, 19%
CMY	0.6549, 0.6000, 0.8078
CMYK	0.14, 0.00, 0.52, 0.60
HSL	76°, 35%, 30%
HSV	76°, 52%, 40%
XYZ	9.3303, 11.7992, 4.6914
YIQ	91.7720, 8.6690, -19.4510

Conversions

Conversions Part 2

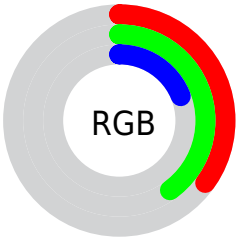
Format	Color
RYB	49, 102, 63
Decimal	5793329
CIELab	40.90, -14.59, 27.98
CIELCh	41, 31.554, 117.535
Yxy	11.7992, 0.3613, 0.4570
Android (android.graphics.Color)	4283983409 (0xFF586631)
YUV	91.7720, -21.0866, -3.3080
Hunter-Lab	34.3500, -11.6277, 15.9473

Details

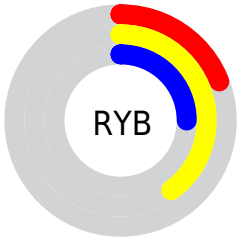
The Hex color 586631 is a dark color, and the websafe version is hex 666633. A complement of this color would be 3F3166, and the grayscale version is 5C5C5C.

A 20% lighter version of the original color is 8B9961, and 293702 is the 20% darker color. If you saturate the color by 10%, you get 556627, and if you desaturate by 10%, it is 5B663B.

Distribution

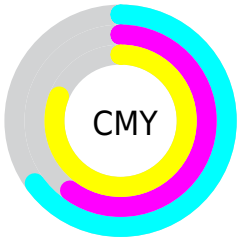


- Red (35%)
- Green (40%)
- Blue (19%)



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

- Cyan (14%)
- Magenta (0%)
- Yellow (52%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 586631 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 586631 by changing the saturation by 10% instead.

586631	586631
FFFFFF	404E1A
8B9961	293702
A6B47A	132200
C1CF94	000600
DDECAF	000000
FAFFCA	
FFFFE7	

586631	586631
556627	5B663B

53661D

506612

4D6608

4B6600

5D6645

606650

63665A

656664

68666E

6B6678

6E6683

70668D

Harmonies

Analogous

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

725E2C

586631

386B44

Triad

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

586631

006A8B

8F4B64

Complementary

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

586631

3F3166

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.

7E517D

586631

2F6494

Square

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

586631

006D77

5F5A8E

914D4A

Rectangle

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

586631

196D54

5F5A8E

8B4C6C

Sweetspot

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

586631

7F856F

663E31

3F4236

C2C2C2

424242

Same Dimension

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

586631

6F8532

3E6631

32332E

547300

B2F200

Inverse Universe

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

3F3166

483285

593166

2F2E33

1E0073

4000F2

Previews

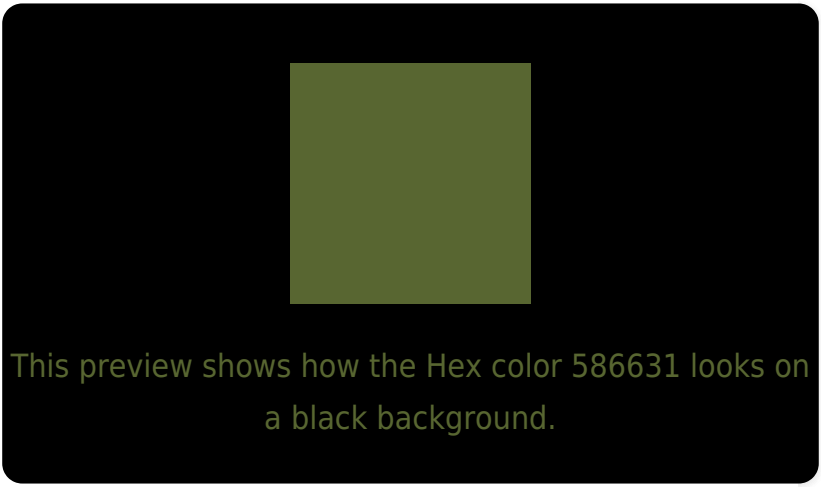
White Background

This preview shows how the Hex color 586631 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

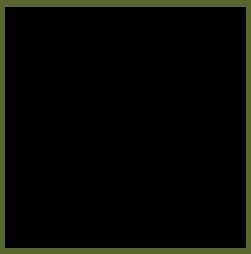


Color Contrast Check

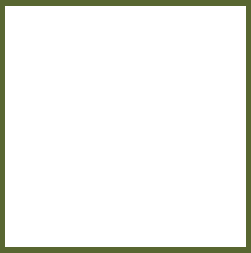
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 586631 Background



This preview shows how black text looks on a background with the Hex color 586631.



This preview shows how white text looks on a background with the Hex color 586631.

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
586631

Protanopia
6B602F

Deuteranopia
765C34

Tritanopia
5F6068

Trichromacy

Original Color
586631

Protanomaly
646230

Deuteranomaly
6B6033

Tritanomaly
5C6254

Monochromacy

Original Color
586631

Achromatopsia
5C5C5C

Achromatomaly
5B604C

CSS Examples

Text

The CSS property to change the color of the text to Hex 586631 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 #586631 looks like.

```
.text, #text, p{
    color:#586631
}
```

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 #586631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586631
}
```

Border

The CSS property to change the border of an element to Hex 586631 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
#586631 }
```

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

```
.border{ border-color:#586631 }
```

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

Here you see how a box with a 4 pixel #586631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #586631; -webkit-box-shadow:4px 4px 4px 4px #586631; box-shadow:4px 4px 4px 4px #586631 }
```

Background

The CSS property to change the background color of an element to Hex 586631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#586631 }
```

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

```
.background{ background-color:#586631 }
```

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