

Converting Colors

Hex(566031)

Have a look what the booklet for
Hex(566031) contains.

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Color

Hex(566031)

Conversions

Conversions Part 1

Format	Color
Hex	566031
RGB	86, 96, 49
RGB Percent	34%, 38%, 19%
CMY	0.6627, 0.6235, 0.8078
CMYK	0.10, 0.00, 0.49, 0.62
HSL	73°, 32%, 28%
HSV	73°, 49%, 38%
XYZ	8.5750, 10.5659, 4.4932
YIQ	87.6520, 9.1270, -16.7370

Conversions

Conversions Part 2

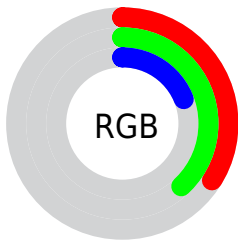
Format	Color
R_{YB}	49, 96, 59
Decimal	5660721
CIE _{Lab}	38.84, -12.13, 25.44
CIE _{LCh}	39, 28.180, 115.487
Yxy	10.5659, 0.3628, 0.4471
Android (android.graphics.Color)	4283850801 (0xFF566031)
YUV	87.6520, -19.0554, -1.4488
Hunter-Lab	32.5053, -9.7953, 14.5580

Details

The Hex color **566031** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B3160**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **899260**, and **273203** is the 20% darker color. If you saturate the color by 10%, you get **546027**, and if you desaturate by 10%, it is **58603B**.

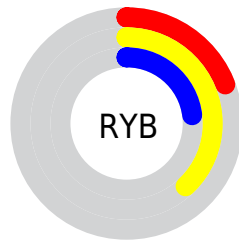
Distribution



Red (34%)

Green (38%)

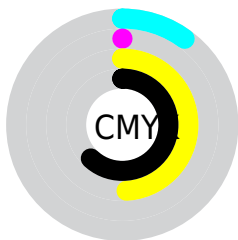
Blue (19%)



Red (19%)

Yellow (38%)

Blue (23%)

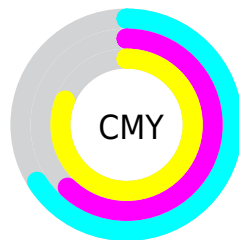


Cyan (10%)

Magenta (0%)

Yellow (49%)

Black (62%)



Cyan (66%)

Magenta (62%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566031 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 566031 by changing the saturation by 10% instead.

■ 566031

■ 566031

FFFFFF

■ 3E481B

■ 899260

■ 273203

■ A3AD79

■ 111D00

■ BFC893

■ 000000

■ DBE4AE

■ F7FFCA

■ FFFFE6

■ 566031

■ 566031

■ 546027

■ 58603B

■ 52601E

■ 5A6044

■ 506014

■ 5C604E

■ 4E600B

■ 5E6057

■ 4C6001

■ 606061

■ 4C6000

■ 62606B

■ 646074

■ 66607E

■ 686087

Harmonies

Analogous

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



6D592D



566031



3B6541

Triad

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



566031



006481



844960

Complementary

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



566031



3B3160

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.



754E76



566031



2F5F89

Square

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



566031



00676E



585785



874A49

Rectangle

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



566031



24674F



585785



814A68

Sweetspot

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



566031



797D6A



603A31



3D4034



BFBFBF



404040

Same Dimension

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



566031



6D7D33



3F6031



2F302C



587000



BDF000

Inverse Universe

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



3B3160



43337D



523160



2D2C30



180070



3300F0

Previews

White Background



This preview shows how the Hex color 566031 looks on a white background.

Color Contrast Check

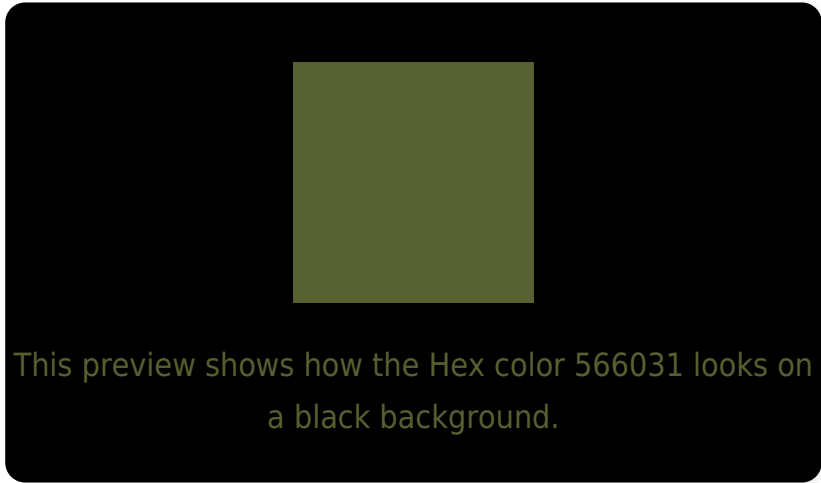
Large Text (above 18pt) WCAG AA ✓ Pass

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

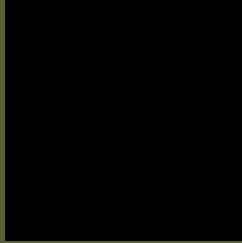
Any Text WCAG AA × Fail

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 566031 Background



This preview shows how black text looks on a background with the Hex color 566031.



This preview shows how white text looks on a background with the Hex color 566031.

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
566031

Protanopia
655B2F

Deuteranopia
6F5733



Tritanopia
5C5B62

Trichromacy



Original Color
566031

Protanomaly
605D30

Deuteranomaly
665A32

Tritanomaly
5A5D50

Monochromacy



Original Color
566031

Achromatopsia
585858

Achromatomaly
575B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 566031 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 #566031 looks like.

```
.text, #text, p{  
    color:#566031  
}
```

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 #566031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566031
}
```

Border

The CSS property to change the border of an element to Hex 566031 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
#566031 }
```

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

```
.border{ border-color:#566031 }
```

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

Here you see how a box with a 4 pixel #566031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566031; -webkit-box-shadow:4px 4px  
4px 4px #566031; box-shadow:4px 4px 4px  
4px #566031 }
```

Background

The CSS property to change the background color of an element to Hex 566031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566031 }
```

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

```
.background{ background-color:#566031 }
```

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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