

Converting Colors

Hex(566025)

Have a look what the booklet for
Hex(566025) contains.

Hex(566025)	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(566025)

Conversions

Conversions Part 1

Format	Color
Hex	566025
RGB	86, 96, 37
RGB Percent	34%, 38%, 15%
CMY	0.6627, 0.6235, 0.8549
CMYK	0.10, 0.00, 0.61, 0.62
HSL	70°, 44%, 26%
HSV	70°, 61%, 38%
XYZ	8.3546, 10.4777, 3.3323
YIQ	86.2840, 12.9790, -20.4690

Conversions

Conversions Part 2

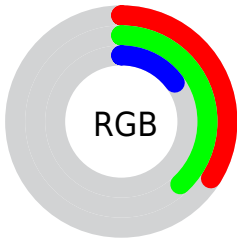
Format	Color
R_{YB}	37, 96, 47
Decimal	5660709
CIE _{Lab}	38.69, -13.40, 31.73
CIE _{LCh}	39, 34.443, 112.904
Yxy	10.4777, 0.3769, 0.4727
Android (android.graphics.Color)	4283850789 (0xFF566025)
YUV	86.2840, -24.2970, -0.2491
Hunter-Lab	32.3693, -10.5754, 16.5548

Details

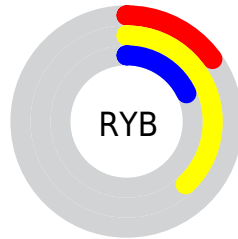
The Hex color **566025** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F2560**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **899254**, and **283200** is the 20% darker color. If you saturate the color by 10%, you get **54601B**, and if you desaturate by 10%, it is **58602F**.

Distribution



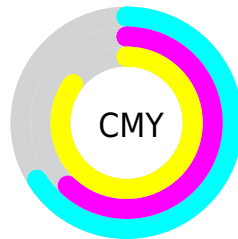
- Red (34%)
- Green (38%)
- Blue (15%)



- Red (15%)
- Yellow (38%)
- Blue (18%)



- Cyan (10%)
- Magenta (0%)
- Yellow (61%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566025 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 566025 by changing the saturation by 10% instead.

 566025

 566025

FFFFFF

 3E480D

 899254

 283200

 A4AD6D

 0D1D00

 C0C887

 000000

 DCE4A2

 F9FFBD

 FFFFD9

 FFFFF5

 566025

 566025

■ 54601B

■ 58602F

■ 536012

■ 596038

■ 516008

■ 5B6042

■ 506000

■ 5D604B

■ 5E6055

■ 60605F

■ 616068

■ 636072

■ 65607B

Harmonies

Analogous

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



715722



566025



346638

Triad

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



566025



006687



8B4463

Complementary

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



566025



2F2560

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.



774B7D



566025



026092

Square

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



566025



006970



52568F



8F4447

Rectangle

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



566025



0D684A



52568F



86456C

Sweetspot

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



566025



797D66



602F25



3D4032



BFBFBF



404040

Same Dimension

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



566025



6D7D20



396025



30302C



5D7000



C7F000

Inverse Universe

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



2F2560



30207D



4C2560



2C2C30



130070



2900F0

Previews

White Background



This preview shows how the Hex color 566025 looks on a white background.

Color Contrast Check

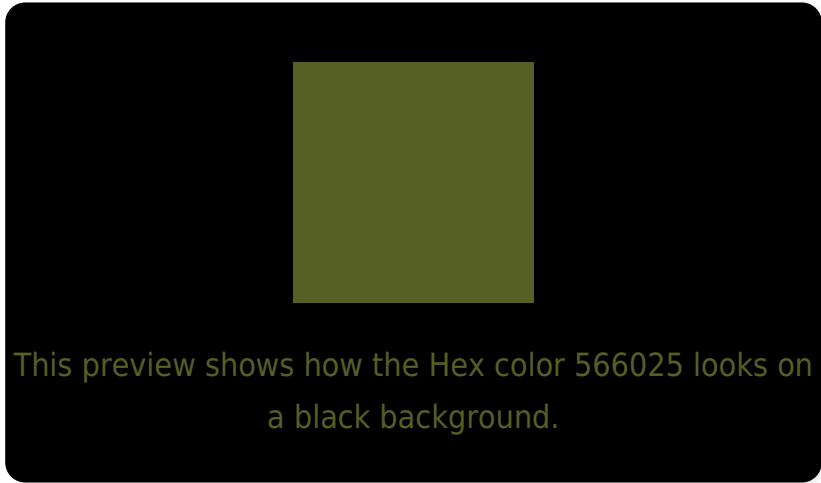
Large Text (above 18pt) WCAG AA ✓ Pass

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 566025 Background



This preview shows how black text looks on a background with the Hex color 566025.



This preview shows how white text looks on a background with the Hex color 566025.

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
566025

Protanopia
655B24

Deuteranopia
715728



Tritanopia
5C5A61

Trichromacy



Original Color
566025

Protanomaly
605D24

Deuteranomaly
675A27

Tritanomaly
5A5C4B

Monochromacy



Original Color
566025

Achromatopsia
565656

Achromatomaly
565A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 566025 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 #566025 looks like.

```
.text, #text, p{  
    color:#566025  
}
```

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 #566025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566025
}
```

Border

The CSS property to change the border of an element to Hex 566025 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
#566025 }
```

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

```
.border{ border-color:#566025 }
```

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

Here you see how a box with a 4 pixel #566025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566025; -webkit-box-shadow:4px 4px  
4px 4px #566025; box-shadow:4px 4px 4px  
4px #566025 }
```

Background

The CSS property to change the background color of an element to Hex 566025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566025 }
```

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

```
.background{ background-color:#566025 }
```

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