

Converting Colors

Hex(556B25)

Have a look what the booklet for
Hex(556B25) contains.

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Color

Hex(556B25)

Conversions

Conversions Part 1

Format	Color
Hex	556B25
RGB	85, 107, 37
RGB Percent	33%, 42%, 15%
CMY	0.6667, 0.5804, 0.8549
CMYK	0.21, 0.00, 0.65, 0.58
HSL	79°, 49%, 28%
HSV	79°, 65%, 42%
XYZ	9.3379, 12.5803, 3.6863
YIQ	92.4420, 9.3580, -26.4340

Conversions

Conversions Part 2

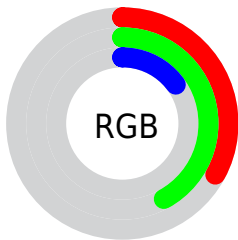
Format	Color
RYB	37, 107, 59
Decimal	5597989
CIELab	42.12, -19.82, 35.51
CIElCh	42, 40.669, 119.166
Yxy	12.5803, 0.3647, 0.4913
Android (android.graphics.Color)	4283788069 (0xFF556B25)
YUV	92.4420, -27.3329, -6.5266
Hunter-Lab	35.4687, -15.0759, 18.6659

Details

The Hex color **556B25** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B256B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **899E55**, and **253B00** is the 20% darker color. If you saturate the color by 10%, you get **526B1A**, and if you desaturate by 10%, it is **586B30**.

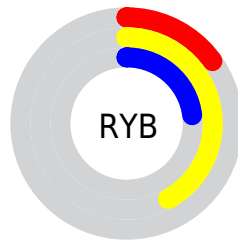
Distribution



Red (33%)

Green (42%)

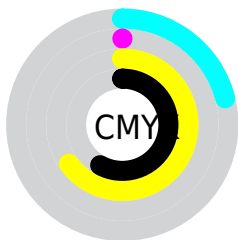
Blue (15%)



Red (15%)

Yellow (42%)

Blue (23%)

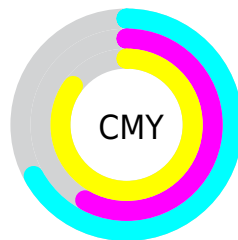


Cyan (21%)

Magenta (0%)

Yellow (65%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556B25 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 556B25 by changing the saturation by 10% instead.

 556B25

 556B25

FFFFFF

 3C530C

 899E55

 253B00

 A4B96E

 0C2600

 BFD588

 000E00

 DBF2A3

 000000

 F8FFBF

 FFFFDB

 FFFFF7

 556B25

 556B25

■ 526B1A

■ 586B30

■ 4E6B10

■ 5C6B3A

■ 4B6B05

■ 5F6B45

■ 496B00

■ 626B50

■ 666B5A

■ 696B65

■ 6D6B70

■ 706B7B

■ 736B85

Harmonies

Analogous

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



76611C



556B25



267140

Triad

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



556B25



00709C



9F4566

Complementary

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



556B25



3B256B

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.



8B4D86



556B25



0567A6

Square

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



556B25



007383



635B9E



9F4945

Rectangle

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



556B25



007356



635B9E



9A4771

Sweetspot

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



556B25



838C70



6B3A25



424736



C7C7C7



474747

Same Dimension

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



556B25



698C1D



336B25



343630



507500



A8F500

Inverse Universe

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



3B256B



401D8C



5D256B



323036



250075



4D00F5

Previews

White Background



This preview shows how the Hex color 556B25 looks on a white background.

Color Contrast Check

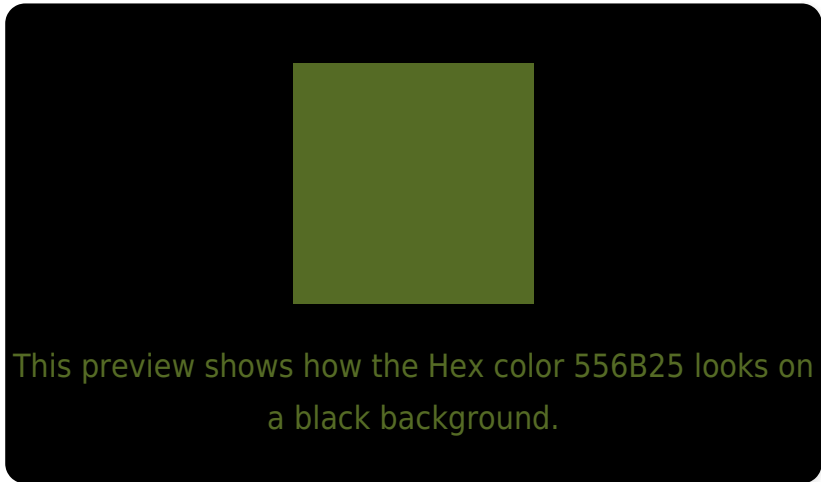
Large Text (above 18pt) WCAG AA ✓ Pass

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

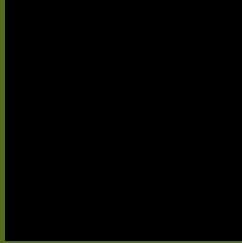
Any Text WCAG AA × Fail

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 556B25 Background



This preview shows how black text looks on a background with the Hex color 556B25.



This preview shows how white text looks on a background with the Hex color 556B25.

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](#).

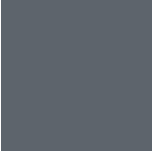
Dichromacy



Original Color
556B25

Protanopia
6F6323

Deuteranopia
7B5E29



Tritanopia
5D646C

Trichromacy



Original Color
556B25

Protanomaly
666624

Deuteranomaly
6D6328

Tritanomaly
5A6752

Monochromacy



Original Color
556B25

Achromatopsia
5C5C5C

Achromatomaly
596148

CSS Examples

Text

The CSS property to change the color of the text to Hex 556B25 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 #556B25 looks like.

```
.text, #text, p{  
    color:#556B25  
}
```

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 #556B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556B25
}
```

Border

The CSS property to change the border of an element to Hex 556B25 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
#556B25 }
```

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

```
.border{ border-color:#556B25 }
```

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

Here you see how a box with a 4 pixel #556B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556B25; -webkit-box-shadow:4px 4px  
4px 4px #556B25; box-shadow:4px 4px 4px  
4px #556B25 }
```

Background

The CSS property to change the background color of an element to Hex 556B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556B25 }
```

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

```
.background{ background-color:#556B25 }
```

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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