

# Converting Colors

Hex(556C4D)

Have a look what the booklet for  
Hex(556C4D) contains.

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# Color

Hex(556C4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	556C4D
RGB	85, 108, 77
RGB Percent	33%, 42%, 30%
CMY	0.6667, 0.5765, 0.6980
CMYK	0.21, 0.00, 0.29, 0.58
HSL	105°, 17%, 36%
HSV	105°, 29%, 42%
XYZ	10.4484, 13.1922, 9.0168
YIQ	97.5890, -3.7570, -14.5170

# Conversions

## Conversions Part 2

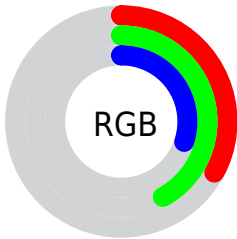
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 108, 100
Decimal	5598285
CIELab	43.05, -15.01, 14.64
CIELCh	43, 20.967, 135.725
Yxy	13.1922, 0.3199, 0.4040
Android (android.graphics.Color)	4283788365 (0xFF556C4D)
YUV	97.5890, -10.1504, -11.0406
Hunter-Lab	36.3211, -12.2132, 10.7058

# Details

The Hex color **556C4D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **644D6C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **87A07E**, and **273C20** is the 20% darker color. If you saturate the color by 10%, you get **4D6C42**, and if you desaturate by 10%, it is **5D6C58**.

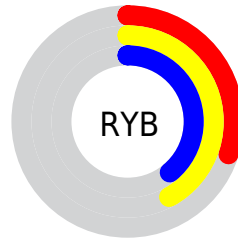
# Distribution



Red (33%)

Green (42%)

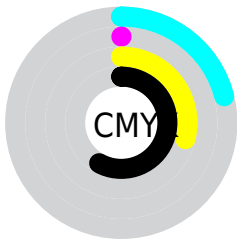
Blue (30%)



Red (30%)

Yellow (42%)

Blue (39%)

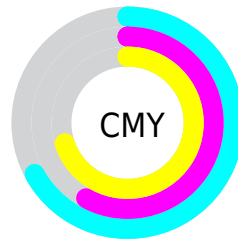


Cyan (21%)

Magenta (0%)

Yellow (29%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 556C4D 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 556C4D by changing the saturation by 10% instead.



■ 556C4D

■ 556C4D

FFFFFF

■ 3D5436

■ 87A07E

■ 273C20

■ A2BB98

■ 12260A

■ BDD6B3

■ 001300

■ D9F3CE

■ 000000

■ F5FFE8

■ 556C4D

■ 556C4D

■ 4D6C42

■ 5D6C58

■ 456C37

■ 656C63

 3D6C2D

 6D6C6D

 356C22

 756C78

 2D6C17

 7D6C83

 256C0C

 856C8E

 1D6C01

 8D6C99

 1C6C00

 956CA3

 9D6CAE

# Harmonies

## Analogous

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



696744



556C4D



416F5D

# Triad

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



556C4D



436A87



88595D

# Complementary

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



556C4D



644D6C

# 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.



835A6F



556C4D



5C6487

# Square

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



556C4D



306E7E



735E7E



855C4E

# Rectangle

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



556C4D



356F69



735E7E



885963



# Sweetspot

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



556C4D



838C80



6C644D



424740



C7C7C7



474747



# Same Dimension

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



556C4D



698C5D



4D6C54



323630



1E7500



3FF500



# Inverse Universe

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



644D6C



805D8C



6C4D65



343036



570075

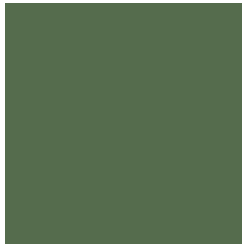


B600F5



# Previews

## White Background



This preview shows how the Hex color 556C4D looks on a white background.

## Color Contrast Check

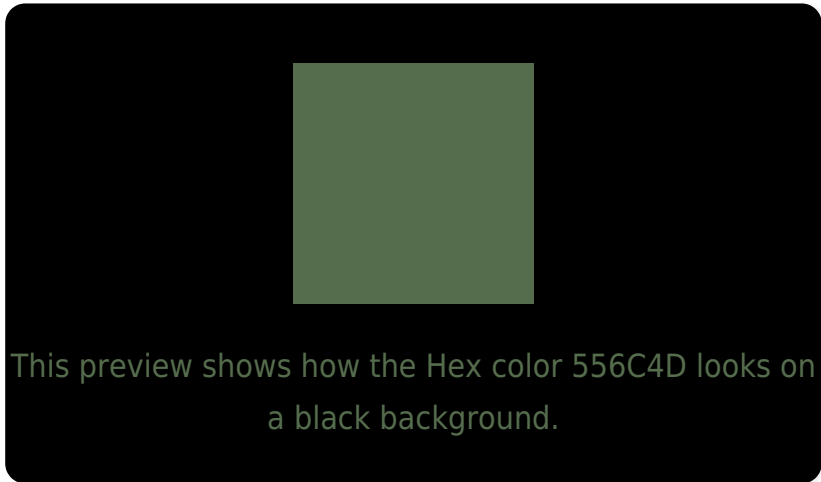
Large Text (above 18pt) WCAG AA ✓ Pass

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

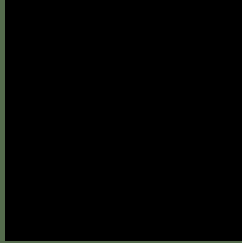
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 556C4D Background



This preview shows how black text looks on a background with the Hex color 556C4D.



This preview shows how white text looks on a background with the Hex color 556C4D.

# 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**  
556C4D

**Protanopia**  
6D654A

**Deuteranopia**  
77614F



**Tritanopia**  
5B6870

# Trichromacy



**Original Color**  
556C4D

**Protanomaly**  
64684B

**Deuteranomaly**  
6B654E

**Tritanomaly**  
596963

# Monochromacy



**Original Color**  
556C4D

**Achromatopsia**  
626262

**Achromatomaly**  
5D665A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 556C4D 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 #556C4D looks like.

```
.text, #text, p{  
    color:#556C4D  
}
```

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 #556C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556C4D
}
```

## Border

The CSS property to change the border of an element to Hex 556C4D 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
#556C4D }
```

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

```
.border{ border-color:#556C4D }
```

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

Here you see how a box with a 4 pixel #556C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556C4D; -webkit-box-shadow:4px 4px  
4px 4px #556C4D; box-shadow:4px 4px 4px  
4px #556C4D }
```

# Background

The CSS property to change the background color of an element to Hex 556C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556C4D }
```

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

```
.background{ background-color:#556C4D }
```

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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