

Converting Colors

Hex(556852)

Have a look what the booklet for
Hex(556852) contains.

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Color

Hex(556852)

Conversions

Conversions Part 1

Format	Color
Hex	556852
RGB	85, 104, 82
RGB Percent	33%, 41%, 32%
CMY	0.6667, 0.5922, 0.6784
CMYK	0.18, 0.00, 0.21, 0.59
HSL	112°, 12%, 36%
HSV	112°, 21%, 41%
XYZ	10.2196, 12.4411, 9.8454
YIQ	95.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

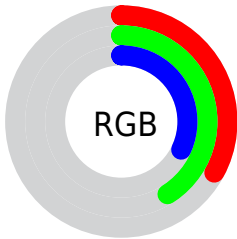
Format	Color
RYB	82, 104, 101
Decimal	5597266
CIELab	41.91, -11.85, 10.07
CIELCh	42, 15.553, 139.626
Yxy	12.4411, 0.3144, 0.3827
Android (android.graphics.Color)	4283787346 (0xFF556852)
YUV	95.8110, -6.8088, -9.4812
Hunter-Lab	35.2720, -10.0078, 8.1409

Details

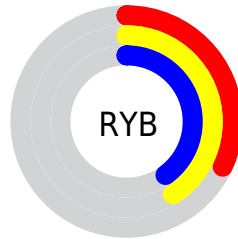
The Hex color **556852** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **655268**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **879B83**, and **273925** is the 20% darker color. If you saturate the color by 10%, you get **4C6848**, and if you desaturate by 10%, it is **5E685C**.

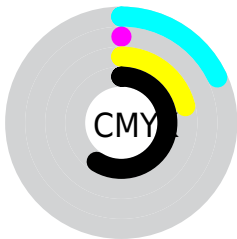
Distribution



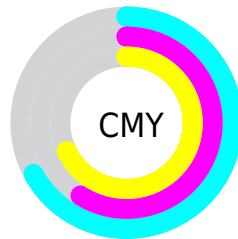
- Red (33%)
- Green (41%)
- Blue (32%)



- Red (32%)
- Yellow (41%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (59%)



- Cyan (67%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556852 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 556852 by changing the saturation by 10% instead.

■ 556852

■ 556852

FFFFFF

■ 3E503B

■ 879B83

■ 273925

■ A1B69E

■ 132311

■ BCD2B8

■ 000D00

■ D8EED4

■ 000000

■ F5FFF0

■ 556852

■ 556852

■ 4C6848


■ 5E685C

■ 43683D

■ 676867

 3A6833

 706871

 316828

 79687C

 28681E

 826886

 1F6814

 8B6890

 166809

 94689B

 0E6800

 9D68A5

 A668B0

Harmonies

Analogous

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



64654B



556852



476A5E

Triad

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



556852



4E657C



7D5A5B

Complementary

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



556852



655268

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.



7A5A68



556852



5F617B

Square

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



556852



416976



6F5D74



7A5C50

Rectangle

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



556852



416A67



6F5D74



7D5A5F

Sweetspot

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



556852



80877F



686552



414540



C4C4C4



454545

Same Dimension

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



556852



6A8765



52685A



2F332E



107300



21F200

Inverse Universe

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



655268



836587



685260



322E33



630073



D100F2

Previews

White Background



This preview shows how the Hex color 556852 looks on a white background.

Color Contrast Check

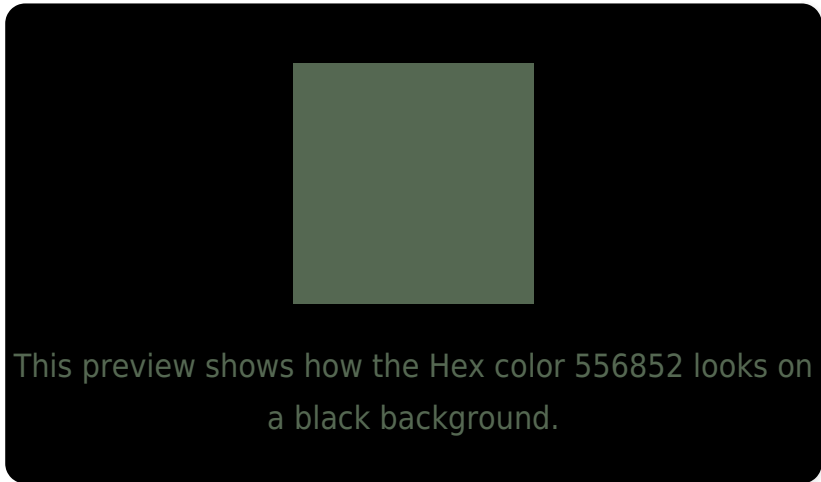
Large Text (above 18pt) WCAG AA ✓ Pass

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

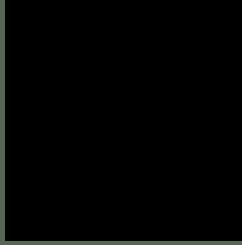
Any Text WCAG AA × Fail

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 556852 Background



This preview shows how black text looks on a background with the Hex color 556852.

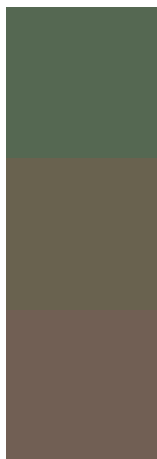


This preview shows how white text looks on a background with the Hex color 556852.

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](#).

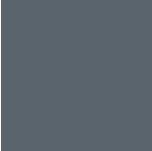
Dichromacy



Original Color
556852

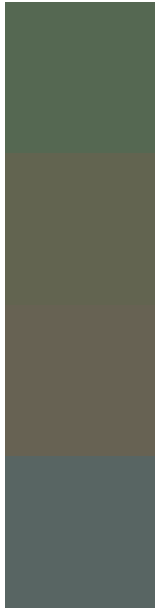
Protanopia
69624F

Deuteranopia
715F54



Tritanopia
59646C

Trichromacy



Original Color
556852

Protanomaly
626450

Deuteranomaly
676253

Tritanomaly
586563

Monochromacy



Original Color
556852

Achromatopsia
606060

Achromatomaly
5C635B

CSS Examples

Text

The CSS property to change the color of the text to Hex 556852 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 #556852 looks like.

```
.text, #text, p{  
    color:#556852  
}
```

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 #556852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556852
}
```

Border

The CSS property to change the border of an element to Hex 556852 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
#556852 }
```

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

```
.border{ border-color:#556852 }
```

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

Here you see how a box with a 4 pixel #556852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556852; -webkit-box-shadow:4px 4px  
4px 4px #556852; box-shadow:4px 4px 4px  
4px #556852 }
```

Background

The CSS property to change the background color of an element to Hex 556852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556852 }
```

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

```
.background{ background-color:#556852 }
```

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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