

Converting Colors

Hex(556B4E)

Have a look what the booklet for
Hex(556B4E) contains.

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Color

Hex(556B4E)

Conversions

Conversions Part 1

Format	Color
Hex	556B4E
RGB	85, 107, 78
RGB Percent	33%, 42%, 31%
CMY	0.6667, 0.5804, 0.6941
CMYK	0.21, 0.00, 0.27, 0.58
HSL	106°, 16%, 36%
HSV	106°, 27%, 42%
XYZ	10.3792, 12.9967, 9.1693
YIQ	97.1160, -3.8030, -13.6830

Conversions

Conversions Part 2

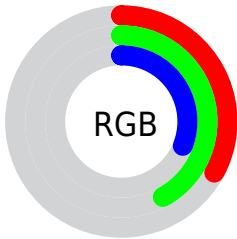
Format	Color
R_{YB}	78, 107, 100
Decimal	5598030
CIE _{Lab}	42.76, -14.28, 13.64
CIE _{LCh}	43, 19.750, 136.306
Yxy	12.9967, 0.3189, 0.3993
Android (android.graphics.Color)	4283788110 (0xFF556B4E)
YUV	97.1160, -9.4242, -10.6257
Hunter-Lab	36.0510, -11.6987, 10.1557

Details

The Hex color **556B4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **644E6B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **879E7F**, and **273C21** is the 20% darker color. If you saturate the color by 10%, you get **4D6B43**, and if you desaturate by 10%, it is **5D6B59**.

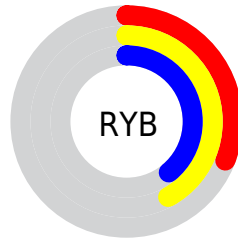
Distribution



Red (33%)

Green (42%)

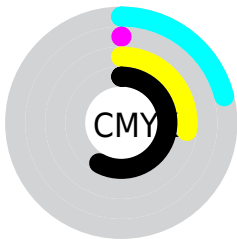
Blue (31%)



Red (31%)

Yellow (42%)

Blue (39%)

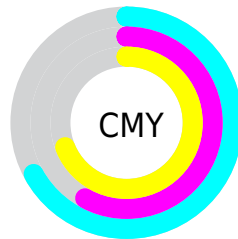


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556B4E 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 556B4E by changing the saturation by 10% instead.

 556B4E

 556B4E

FFFFFF

 3D5337

 879E7F

 273C21

 A1B999

 12260C

 BDD5B4

 001100

 D8F2D0

 000000

 F5FFEC

 556B4E

 556B4E

 4D6B43

 5D6B59

 456B39

 656B63

 3D6B2E

 6D6B6E

 356B23

 756B79

 2C6B18

 7E6B84

 246B0E

 866B8E

 1C6B03

 8E6B99

 1A6B00

 966BA4

 9E6BAE

Harmonies

Analogous

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



676745



556B4E



426D5D

Triad

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



556B4E



456984



86595D

Complementary

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



556B4E



644E6B

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.



815A6D



556B4E



5D6384

Square

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



556B4E



346C7C



725E7C



825C4E

Rectangle

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



556B4E



386E68



725E7C



855962

Sweetspot

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



556B4E



848C81



6B644E



424740



C7C7C7



474747

Same Dimension

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



556B4E



698C5E



4E6B55



313630



1C7500



3BF500

Inverse Universe

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



644E6B



815E8C



6B4E64



343036



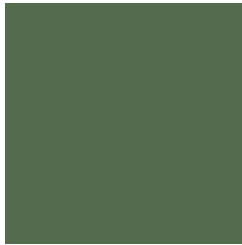
590075



BA00F5

Previews

White Background



This preview shows how the Hex color 556B4E looks on a white background.

Color Contrast Check

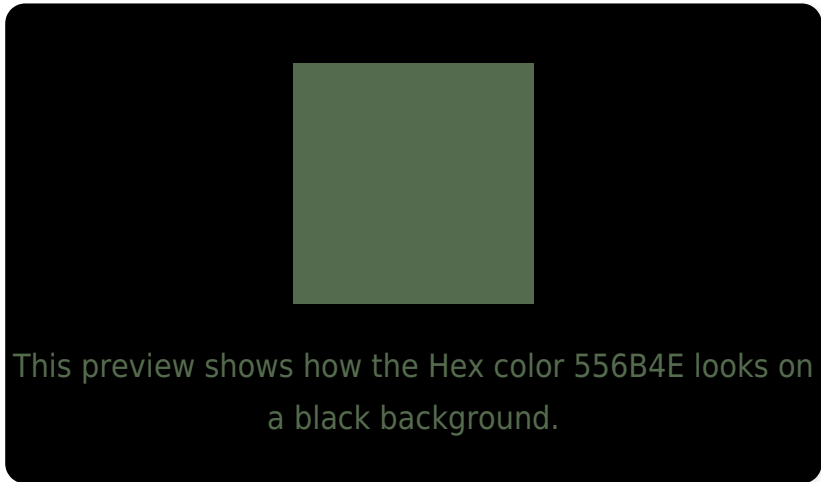
Large Text (above 18pt) WCAG AA ✓ Pass

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

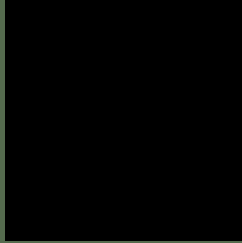
Any Text WCAG AA × Fail

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 556B4E Background



This preview shows how black text looks on a background with the Hex color 556B4E.



This preview shows how white text looks on a background with the Hex color 556B4E.

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](#).

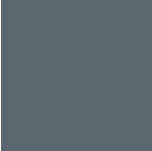
Dichromacy



Original Color
556B4E

Protanopia
6C654B

Deuteranopia
756150



Tritanopia
5A676F

Trichromacy



Original Color
556B4E

Protanomaly
64674C

Deuteranomaly
69654F

Tritanomaly
586863

Monochromacy



Original Color
556B4E

Achromatopsia
616161

Achromatomaly
5D655A

CSS Examples

Text

The CSS property to change the color of the text to Hex 556B4E 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 #556B4E looks like.

```
.text, #text, p{  
    color:#556B4E  
}
```

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 #556B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556B4E
}
```

Border

The CSS property to change the border of an element to Hex 556B4E 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
#556B4E }
```

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

```
.border{ border-color:#556B4E }
```

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

Here you see how a box with a 4 pixel #556B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556B4E; -webkit-box-shadow:4px 4px  
4px 4px #556B4E; box-shadow:4px 4px 4px  
4px #556B4E }
```

Background

The CSS property to change the background color of an element to Hex 556B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556B4E }
```

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

```
.background{ background-color:#556B4E }
```

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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