

Converting Colors

Hex(56653F)

Have a look what the booklet for
Hex(56653F) contains.

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Color

Hex(56653F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 56653F |
| RGB | 86, 101, 63 |
| RGB Percent | 34%, 40%, 25% |
| CMY | 0.6627, 0.6039, 0.7529 |
| CMYK | 0.15, 0.00, 0.38, 0.60 |
| HSL | 84°, 23%, 32% |
| HSV | 84°, 38%, 40% |
| XYZ | 9.3886, 11.6447, 6.4554 |
| YIQ | 92.1830, 3.2580, -14.9980 |

Conversions

Conversions Part 2

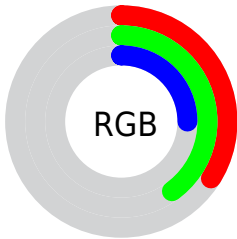
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 63, 101, 78 |
| Decimal | 5662015 |
| CIELab | 40.65, -13.03, 19.68 |
| CIElCh | 41, 23.602, 123.513 |
| Yxy | 11.6447, 0.3415, 0.4236 |
| Android (android.graphics.Color) | 4283852095 (0xFF56653F) |
| YUV | 92.1830, -14.3872, -5.4225 |
| Hunter-Lab | 34.1243, -10.6067, 12.6709 |

Details

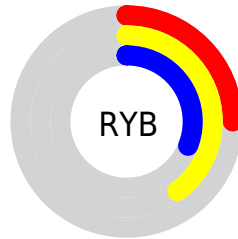
The Hex color **56653F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E3F65**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **88986F**, and **283613** is the 20% darker color. If you saturate the color by 10%, you get **526535**, and if you desaturate by 10%, it is **5A6549**.

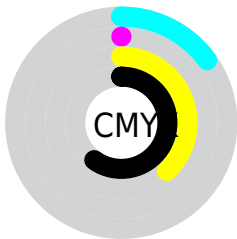
Distribution



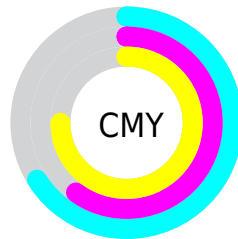
- Red (34%)
- Green (40%)
- Blue (25%)



- Red (25%)
- Yellow (40%)
- Blue (31%)



- Cyan (15%)
- Magenta (0%)
- Yellow (38%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56653F 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 56653F by changing the saturation by 10% instead.

■ 56653F

■ 56653F

FFFFFF

■ 3E4D29

■ 88986F

■ 283613

■ A3B389

■ 152100

■ BECEA3

■ 000400

■ DAEABE

■ 000000

■ F7FFDA

■ FFFFF7

■ 56653F

■ 56653F

■ 526535

■ 5A6549

 4E652B

 5E6553

 4A6521

 62655D

 466517

 666567

 42650D

 6A6572

 3E6502

 6E657C

 3D6500

 726586

 766590

 7A659A

Harmonies

Analogous

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



6B5F39



56653F



3F694E

Triad

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



56653F



286682



85515E

Complementary

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



56653F



4E3F65

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.



7A5471



56653F



486186

Square

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



56653F



156A74



655A80



84534B

Rectangle

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



56653F



2E6A5B



655A80



825165

Sweetspot

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



56653F



7C8274



654E3F



3F423A



C2C2C2



424242

Same Dimension

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



56653F



6B8248



43653F



31332E



457300



93F200

Inverse Universe

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



4E3F65



5F4882



613F65



302E33



2D0073



6000F2

Previews

White Background



This preview shows how the Hex color 56653F looks on a white background.

Color Contrast Check

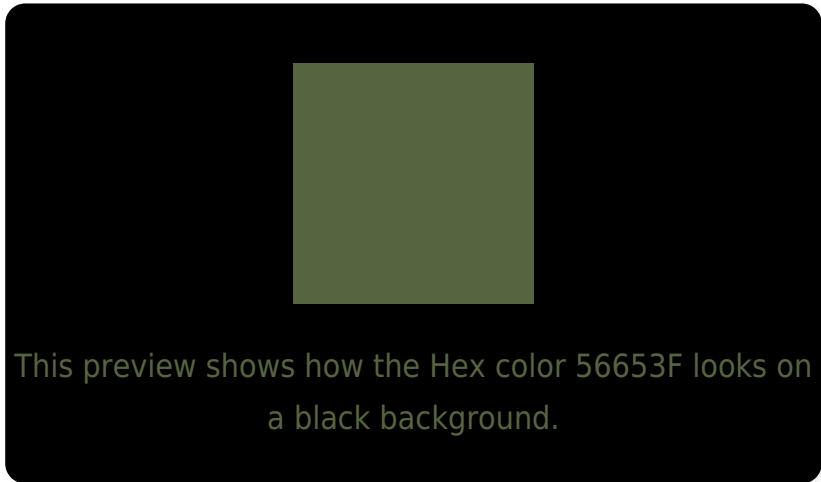
Large Text (above 18pt) WCAG AA ✓ Pass

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

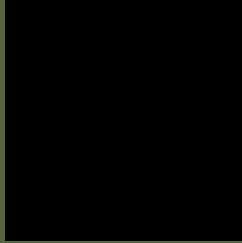
Any Text WCAG AA × Fail

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 56653F Background



This preview shows how black text looks on a background with the Hex color 56653F.



This preview shows how white text looks on a background with the Hex color 56653F.

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
56653F

Protanopia
68603D

Deuteranopia
725C41



Tritanopia
5C6068

Trichromacy



Original Color
56653F

Protanomaly
61623E

Deuteranomaly
685F40

Tritanomaly
5A6259

Monochromacy



Original Color
56653F

Achromatopsia
5C5C5C

Achromatomaly
5A5F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 56653F 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 #56653F looks like.

```
.text, #text, p{  
    color:#56653F  
}
```

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 #56653F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56653F
}
```

Border

The CSS property to change the border of an element to Hex 56653F 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".

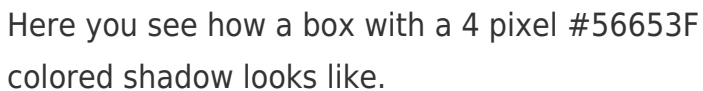
```
.border, #border, table{ border:4px solid
#56653F }
```

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

```
.border{ border-color:#56653F }
```

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

Here you see how a box with a 4 pixel #56653F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56653F; -webkit-box-shadow:4px 4px  
4px 4px #56653F; box-shadow:4px 4px 4px  
4px #56653F }
```

Background

The CSS property to change the background color of an element to Hex 56653F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56653F }
```

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

```
.background{ background-color:#56653F }
```

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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