

Converting Colors

Hex(5A6653)

Have a look what the booklet for
Hex(5A6653) contains.

Hex(5A6653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A6653)

Conversions

Conversions Part 1

Format	Color
Hex	5A6653
RGB	90, 102, 83
RGB Percent	35%, 40%, 33%
CMY	0.6471, 0.6000, 0.6745
CMYK	0.12, 0.00, 0.19, 0.60
HSL	98°, 10%, 36%
HSV	98°, 19%, 40%
XYZ	10.5292, 12.3009, 10.0030
YIQ	96.2460, -1.0530, -8.4530

Conversions

Conversions Part 2

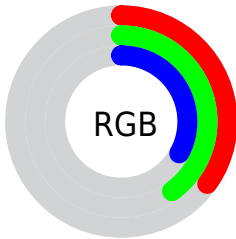
Format	Color
R_{YB}	83, 102, 95
Decimal	5924435
CIE _{Lab}	41.69, -8.53, 9.22
CIE _{LCh}	42, 12.563, 132.771
Yxy	12.3009, 0.3207, 0.3747
Android (android.graphics.Color)	4284114515 (0xFF5A6653)
YUV	96.2460, -6.5303, -5.4777
Hunter-Lab	35.0727, -7.7898, 7.6409

Details

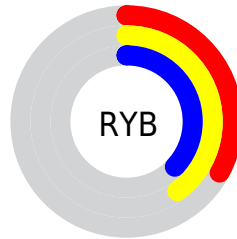
The Hex color **5A6653** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F5366**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8C9984**, and **2C3726** is the 20% darker color. If you saturate the color by 10%, you get **546649**, and if you desaturate by 10%, it is **60665D**.

Distribution



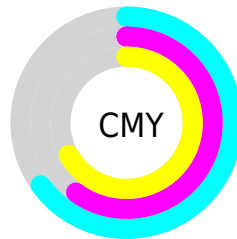
- Red (35%)
- Green (40%)
- Blue (33%)



- Red (33%)
- Yellow (40%)
- Blue (37%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6653 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 5A6653 by changing the saturation by 10% instead.

■ 5A6653

■ 5A6653

FFFFFF

■ 424E3C

■ 8C9984

■ 2C3726

■ A7B49F

■ 172212

■ C2CFBA

■ 000C00

■ DEECD5

■ 000000

■ FAFFF2

■ 5A6653

■ 5A6653

■ 546649

■ 60665D

■ 4D663F

■ 676667

■ 476634

■ 6D6672

■ 40662A

■ 74667C

■ 3A6620

■ 7A6686

■ 336616

■ 816690

■ 2D660C

■ 87669A

■ 266601

■ 8E66A5

■ 266600

■ 9466AF

Harmonies

Analogous

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



66634E



5A6653



4F685C

Triad

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



5A6653



4F6576



785B5E

Complementary

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



5A6653



5F5366

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.



735C69



5A6653



5C6276

Square

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



5A6653



476770



6A5E72



765D55

Rectangle

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



5A6653



496863



6A5E72



775B62

Sweetspot

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



5A6653



80857D



665F53



3F423E



C2C2C2



424242

Same Dimension

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



5A6653



728567



536655



30332E



2A7300



59F200

Inverse Universe

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



5F5366



7A6785



665364



312E33



480073



9900F2

Previews

White Background



This preview shows how the Hex color 5A6653 looks on a white background.

Color Contrast Check

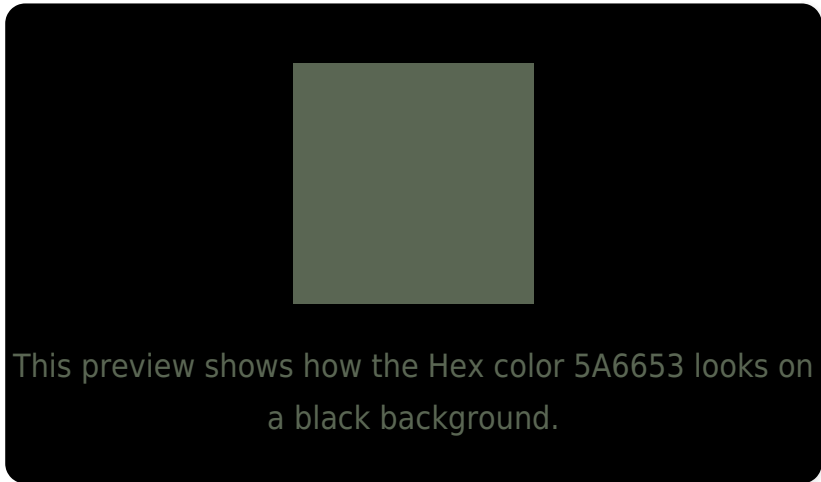
Large Text (above 18pt) WCAG AA ✓ Pass

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

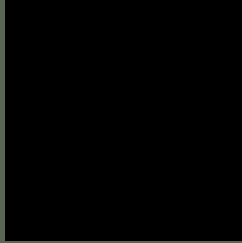
Any Text WCAG AA × Fail

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 5A6653 Background



This preview shows how black text looks on a background with the Hex color 5A6653.

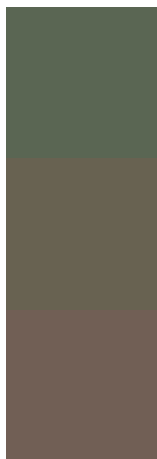


This preview shows how white text looks on a background with the Hex color 5A6653.

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

5A6653

Protanopia

686251

Deuteranopia

715F55



Tritanopia
5E636B

Trichromacy



Original Color

5A6653

Protanomaly

636352

Deuteranomaly

696254

Tritanomaly

5D6462

Monochromacy



Original Color

5A6653

Achromatopsia

606060

Achromatomaly

5E625B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6653 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 #5A6653 looks like.

```
.text, #text, p{  
    color:#5A6653  
}
```

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 #5A6653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6653
}
```

Border

The CSS property to change the border of an element to Hex 5A6653 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
#5A6653 }
```

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

```
.border{ border-color:#5A6653 }
```

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

Here you see how a box with a 4 pixel #5A6653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6653; -webkit-box-shadow:4px 4px  
4px 4px #5A6653; box-shadow:4px 4px 4px  
4px #5A6653 }
```

Background

The CSS property to change the background color of an element to Hex 5A6653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6653 }
```

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

```
.background{ background-color:#5A6653 }
```

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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