

# Converting Colors

Hex(538D60)

Have a look what the booklet for  
Hex(538D60) contains.

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**Color**

**Hex(538D60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	538D60
RGB	83, 141, 96
RGB Percent	33%, 55%, 38%
CMY	0.6745, 0.4471, 0.6235
CMYK	0.41, 0.00, 0.32, 0.45
HSL	133°, 26%, 44%
HSV	133°, 41%, 55%
XYZ	15.2035, 21.7333, 14.4600
YIQ	118.5280, -20.1230, -26.2910

# Conversions

## Conversions Part 2

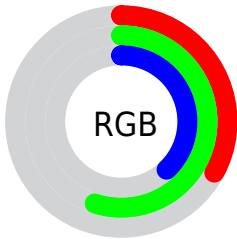
Format	Color
<b>RYB</b>	83, 130, 141
Decimal	5475680
CIELab	53.74, -29.20, 18.21
CIELCh	54, 34.410, 148.053
Yxy	21.7333, 0.2958, 0.4229
Android (android.graphics.Color)	4283665760 (0xFF538D60)
YUV	118.5280, -11.1063, -31.1581
Hunter-Lab	46.6190, -23.3704, 14.2431

# Details

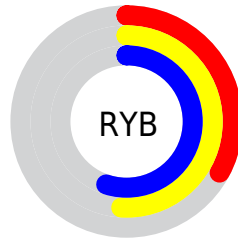
The Hex color **538D60** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D5380**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **87C393**, and **205A31** is the 20% darker color. If you saturate the color by 10%, you get **458D55**, and if you desaturate by 10%, it is **618D6B**.

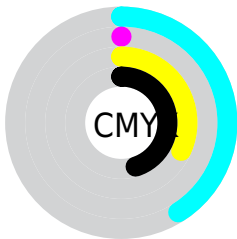
# Distribution



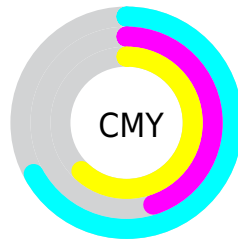
- Red (33%)
- Green (55%)
- Blue (38%)



- Red (33%)
- Yellow (51%)
- Blue (55%)



- Cyan (41%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)



- Cyan (67%)
- Magenta (45%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 538D60 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 538D60 by changing the saturation by 10% instead.



 538D60

 538D60

FFFFFF

 3A7348

 87C393

 205A31

 A2DFAD

 01421C

 BEFCC9

 002C03

 DAFFE5

 001600

 F7FFFF

 000000

 538D60

 538D60

 458D55

 618D6B

 378D4A

 6F8D76

 298D3F

 7D8D81

 1B8D34

 8B8D8C

 0C8D29

 9A8D97

 008D20

 A88DA2

 B68DAD

 C48DB8

 D28DC2

# Harmonies

## Analogous

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



77874B



538D60



22907D

# Triad

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



538D60



4E84BB



B96B66

# Complementary

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



538D60



8D5380

# 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.



B76984



538D60



8079B5

# Square

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



538D60



008CB2



A46FA0



AC744F

# Rectangle

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



538D60



009092



A46FA0



BA6970



# Sweetspot

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



538D60



A2B8A7



808D53



4F5C52



DBDBDB



5C5C5C



# Same Dimension

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



538D60



5EB872



538D7D



404742



00871E



000802



# Inverse Universe

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



8D5380



B85EA3



8D5363



474046



870069



080006



# Previews

## White Background



This preview shows how the Hex color 538D60 looks on a white background.

## Color Contrast Check

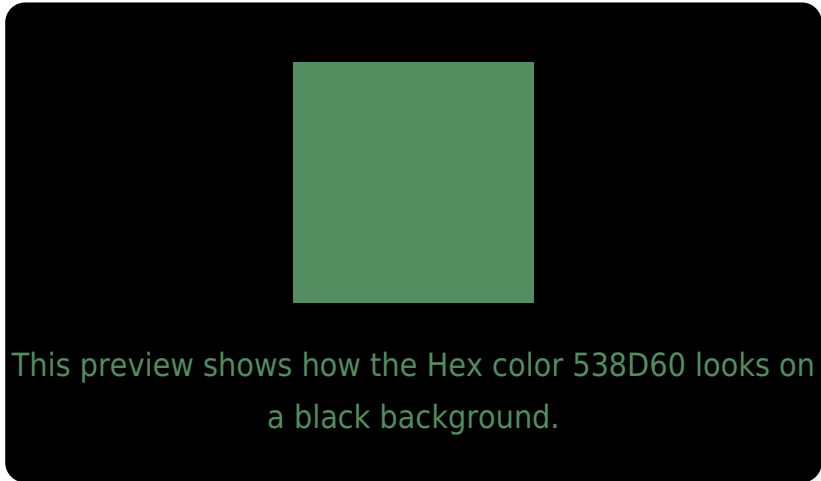
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

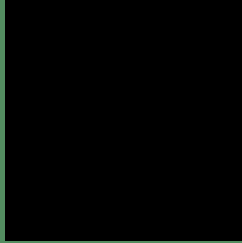
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 538D60 Background



This preview shows how black text looks on a background with the Hex color 538D60.

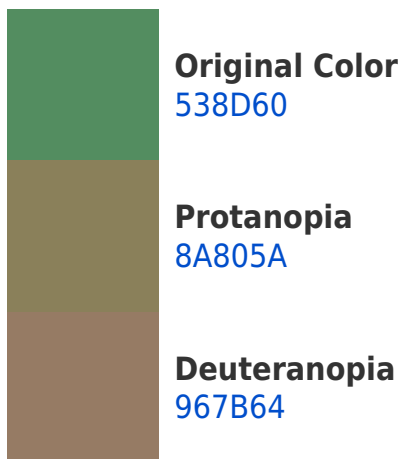


This preview shows how white text looks on a background with the Hex color 538D60.

# 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





**Tritanopia**  
5E8792

# Trichromacy



**Original Color**  
538D60

**Protanomaly**  
76855C

**Deuteranomaly**  
7E8263

**Tritanomaly**  
5A8980

# Monochromacy



**Original Color**  
538D60

**Achromatopsia**  
777777

**Achromatomaly**  
6A7F6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 538D60 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 #538D60 looks like.

```
.text, #text, p{  
    color:#538D60  
}
```

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 #538D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538D60
}
```

## Border

The CSS property to change the border of an element to Hex 538D60 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
#538D60 }
```

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

```
.border{ border-color:#538D60 }
```

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

Here you see how a box with a 4 pixel #538D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538D60; -webkit-box-shadow:4px 4px  
4px 4px #538D60; box-shadow:4px 4px 4px  
4px #538D60 }
```

# Background

The CSS property to change the background color of an element to Hex 538D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538D60 }
```

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

```
.background{ background-color:#538D60 }
```

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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