

Converting Colors

Hex(535B2F)

Have a look what the booklet for
Hex(535B2F) contains.

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Color

Hex(535B2F)

Conversions

Conversions Part 1

Format	Color
Hex	535B2F
RGB	83, 91, 47
RGB Percent	33%, 36%, 18%
CMY	0.6745, 0.6431, 0.8157
CMYK	0.09, 0.00, 0.48, 0.64
HSL	71°, 32%, 27%
HSV	71°, 48%, 36%
XYZ	7.8215, 9.5264, 4.1159
YIQ	83.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

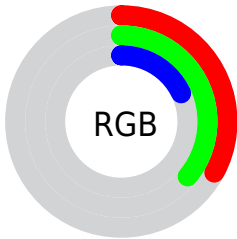
Format	Color
R_{YB}	47, 91, 55
Decimal	5462831
CIE Lab	36.98, -10.88, 24.22
CIE LCh	37, 26.551, 114.182
Yxy	9.5264, 0.3644, 0.4438
Android (android.graphics.Color)	4283652911 (0xFF535B2F)
YUV	83.5920, -18.0399, -0.5192
Hunter-Lab	30.8649, -8.7799, 13.6990

Details

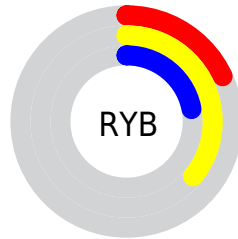
The Hex color **535B2F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **372F5B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **858D5E**, and **252D00** is the 20% darker color. If you saturate the color by 10%, you get **515B26**, and if you desaturate by 10%, it is **555B38**.

Distribution



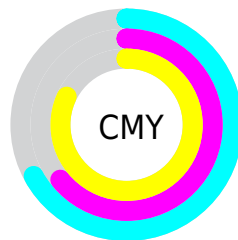
- Red (33%)
- Green (36%)
- Blue (18%)



- Red (18%)
- Yellow (36%)
- Blue (22%)



- Cyan (9%)
- Magenta (0%)
- Yellow (48%)
- Black (64%)



- Cyan (67%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535B2F 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 535B2F by changing the saturation by 10% instead.

■ 535B2F

■ 535B2F

FFFFFF

■ 3B4419

■ 858D5E

■ 252D00

■ A0A777

■ 0B1900

■ BBC391

■ 000000

■ D7DFAC

■ F4FBC7

■ FFFFE3

■ 535B2F

■ 535B2F

■ 515B26

■ 555B38

■ 505B1D

■ 565B41

■ 4E5B14

■ 585B4A

■ 4C5B0B

■ 5A5B53

■ 4B5B02

■ 5B5B5D

■ 4A5B00

■ 5D5B66

■ 5F5B6F

■ 605B78

■ 625B81

Harmonies

Analogous

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



68542C



535B2F



3A603D

Triad

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



535B2F



006079



7D465C

Complementary

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



535B2F



372F5B

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.



6E4B70



535B2F



2D5A81

Square

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



535B2F



006268



53537E



804747

Rectangle

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



535B2F



25614B



53537E



794763

Sweetspot

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



535B2F



727564



5B362F



393B30



BABABA



3B3B3B

Same Dimension

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



535B2F



697531



3E5B2F



2D2E29



5A6E00



C2ED00

Inverse Universe

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



372F5B



3E3175



4C2F5B



2A292E



14006E



2B00ED

Previews

White Background



This preview shows how the Hex color 535B2F looks on a white background.

Color Contrast Check

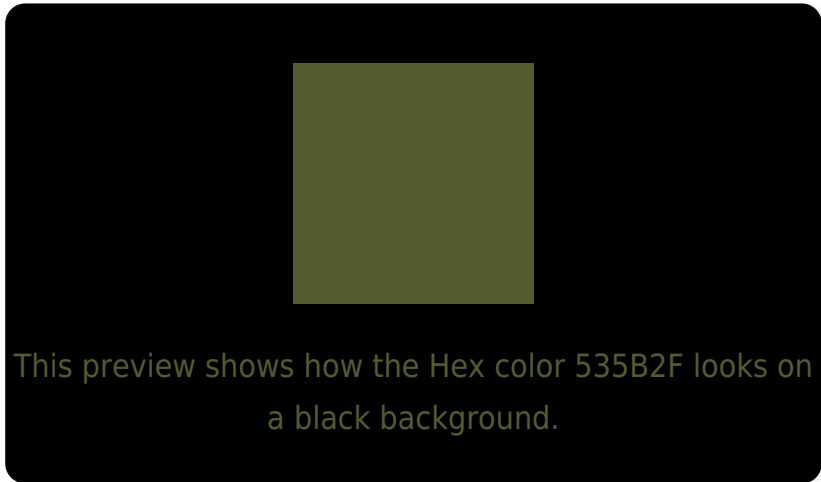
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

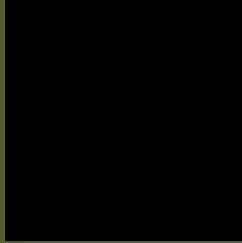
Any Text WCAG AA × Fail

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 535B2F Background



This preview shows how black text looks on a background with the Hex color 535B2F.



This preview shows how white text looks on a background with the Hex color 535B2F.

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
535B2F

Protanopia
60572E

Deuteranopia
6A5331



Tritanopia
58565D

Trichromacy



Original Color
535B2F

Protanomaly
5B582E

Deuteranomaly
625630

Tritanomaly
56584C

Monochromacy



Original Color
535B2F

Achromatopsia
545454

Achromatomaly
545747

CSS Examples

Text

The CSS property to change the color of the text to Hex 535B2F 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 #535B2F looks like.

```
.text, #text, p{  
    color:#535B2F  
}
```

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 #535B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535B2F
}
```

Border

The CSS property to change the border of an element to Hex 535B2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

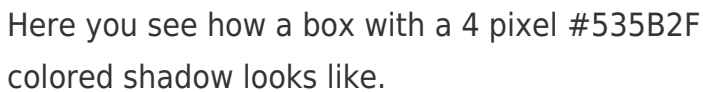
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535B2F }
```

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

```
.border{ border-color:#535B2F }
```

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



Here you see how a box with a 4 pixel #535B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535B2F; -webkit-box-shadow:4px 4px  
4px 4px #535B2F; box-shadow:4px 4px 4px  
4px #535B2F }
```

Background

The CSS property to change the background color of an element to Hex 535B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535B2F }
```

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

```
.background{ background-color:#535B2F }
```

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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