

# Converting Colors

Hex(555A2D)

Have a look what the booklet for  
Hex(555A2D) contains.

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# Color

**Hex(555A2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	555A2D
RGB	85, 90, 45
RGB Percent	33%, 35%, 18%
CMY	0.6667, 0.6471, 0.8235
CMYK	0.06, 0.00, 0.50, 0.65
HSL	67°, 33%, 26%
HSV	67°, 50%, 35%
XYZ	7.8761, 9.4331, 3.8883
YIQ	83.3750, 11.4650, -15.0550

# Conversions

## Conversions Part 2

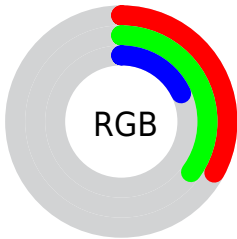
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 90, 50
Decimal	5593645
CIELab	36.81, -9.62, 25.18
CIELCh	37, 26.958, 110.912
Yxy	9.4331, 0.3716, 0.4450
Android (android.graphics.Color)	4283783725 (0xFF555A2D)
YUV	83.3750, -18.9189, 1.4251
Hunter-Lab	30.7133, -7.9738, 13.9933

# Details

The Hex color **555A2D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **322D5A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **888C5C**, and **272C00** is the 20% darker color. If you saturate the color by 10%, you get **545A24**, and if you desaturate by 10%, it is **565A36**.

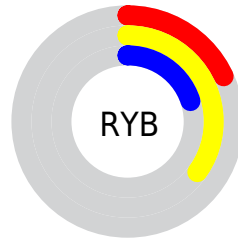
# Distribution



Red (33%)

Green (35%)

Blue (18%)



Red (18%)

Yellow (35%)

Blue (20%)

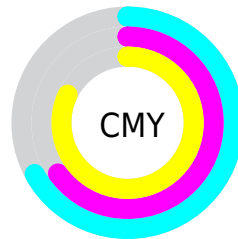


Cyan (6%)

Magenta (0%)

Yellow (50%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 555A2D 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 555A2D by changing the saturation by 10% instead.



 555A2D

 555A2D

FFFFFF

 3D4317

 888C5C

 272C00

 A2A675

 0D1900

 BEC18F

 000000

 DADDA9

 F6FAC5

 FFFFE1

FFFFFFE

 555A2D

 555A2D

■ 545A24

■ 565A36

■ 535A1B

■ 575A3F

■ 525A12

■ 585A48

■ 515A09

■ 595A51

■ 505A00

■ 5A5A5A

■ 5B5A63

■ 5C5A6C

■ 5D5A75

■ 5E5A7E

# Harmonies

## Analogous

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



6A532B



555A2D



3C5F3A

# Triad

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



555A2D



006078



7C465E

# Complementary

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



555A2D



322D5A

# 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.



6B4B72



555A2D



265B81

# Square

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



555A2D



006265



4F537F



804648

# Rectangle

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



555A2D



286148



4F537F



784765



# Sweetspot

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



555A2D



737564



5A322D



393B30



BABABA



3B3B3B



# Same Dimension

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



555A2D



6D752F



3F5A2D



2D2E29



616E00



D3ED00



# Inverse Universe

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



322D5A



372F75



482D5A



2A292E



0C006E



1A00ED



# Previews

## White Background



This preview shows how the Hex color 555A2D looks on a white background.

## Color Contrast Check

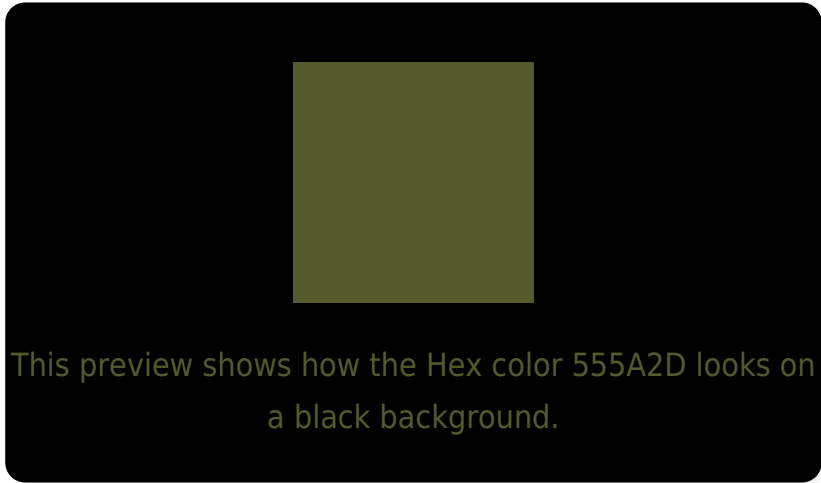
Large Text (above 18pt) WCAG AA ✓ Pass

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

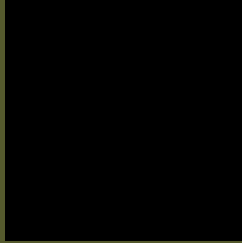
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

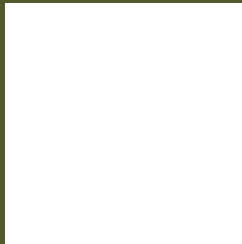
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 555A2D Background



This preview shows how black text looks on a background with the Hex color 555A2D.



This preview shows how white text looks on a background with the Hex color 555A2D.

# 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**  
555A2D

**Protanopia**  
60572C

**Deuteranopia**  
6A522F



**Tritanopia**  
5A555C

# Trichromacy



**Original Color**  
555A2D

**Protanomaly**  
5C582C

**Deuteranomaly**  
62552E

**Tritanomaly**  
58574B

# Monochromacy



**Original Color**  
555A2D

**Achromatopsia**  
535353

**Achromatomaly**  
545645

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 555A2D 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 #555A2D looks like.

```
.text, #text, p{  
    color:#555A2D  
}
```

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 #555A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555A2D
}
```

## Border

The CSS property to change the border of an element to Hex 555A2D 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
#555A2D }
```

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

```
.border{ border-color:#555A2D }
```

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

Here you see how a box with a 4 pixel #555A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555A2D; -webkit-box-shadow:4px 4px  
4px 4px #555A2D; box-shadow:4px 4px 4px  
4px #555A2D }
```

# Background

The CSS property to change the background color of an element to Hex 555A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555A2D }
```

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

```
.background{ background-color:#555A2D }
```

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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