

Converting Colors

Hex(5D552A)

Have a look what the booklet for
Hex(5D552A) contains.

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Color

Hex(5D552A)

Conversions

Conversions Part 1

Format	Color
Hex	5D552A
RGB	93, 85, 42
RGB Percent	36%, 33%, 16%
CMY	0.6353, 0.6667, 0.8353
CMYK	0.00, 0.09, 0.55, 0.64
HSL	51°, 38%, 26%
HSV	51°, 55%, 36%
XYZ	8.1806, 8.9913, 3.4948
YIQ	82.4900, 18.5710, -11.6770

Conversions

Conversions Part 2

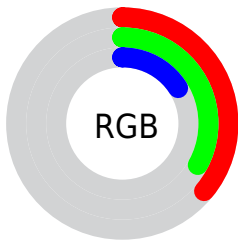
Format	Color
R _Y B	51, 93, 42
Decimal	6116650
CIE Lab	35.97, -3.24, 26.04
CIE LCh	36, 26.240, 97.090
Yxy	8.9913, 0.3958, 0.4351
Android (android.graphics.Color)	4284306730 (0xFF5D552A)
YUV	82.4900, -19.9616, 9.2173
Hunter-Lab	29.9855, -3.7765, 14.0796

Details

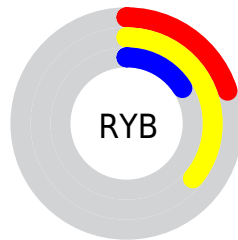
The Hex color **5D552A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A325D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **918659**, and **2E2800** is the 20% darker color. If you saturate the color by 10%, you get **5D5421**, and if you desaturate by 10%, it is **5D5633**.

Distribution



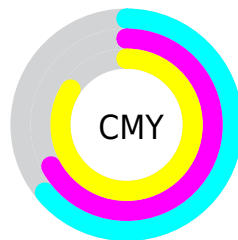
- Red (36%)
- Green (33%)
- Blue (16%)



- Red (20%)
- Yellow (36%)
- Blue (16%)



- Cyan (0%)
- Magenta (9%)
- Yellow (55%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D552A 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 5D552A by changing the saturation by 10% instead.

 5D552A

 5D552A

FFFFFF

 443E14

 918659

 2E2800

 ACA171

 151400

 C7BC8B

 000000

 E4D7A6

 FFF4C1

 FFFFDD

 FFFFFA

 5D552A

 5D552A

■ 5D5421

■ 5D5633

■ 5D5217

■ 5D583D

■ 5D510E

■ 5D5946

■ 5D4F05

■ 5D5B4F

■ 5D4E00

■ 5D5C59

■ 5D5E62

■ 5D5F6B

■ 5D6174

■ 5D627E

Harmonies

Analogous

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



6F4E2E



5D552A



465B32

Triad

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



5D552A



005F6D



734665

Complementary

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



5D552A



2A325D

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.



5D4D76



5D552A



095B7B

Square

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



5D552A



006059



3D557E



7C4450

Rectangle

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



5D552A



355D3D



3D557E



6D486C

Sweetspot

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



5D552A



787565



5D2A33



3D3B32



BDBDBD



3D3D3D

Same Dimension

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



5D552A



786B29



4C5D2A



2E2D29



6E5C00



EDC800

Inverse Universe

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



2A325D



293578



3B2A5D



292A2E



00116E



0025ED

Previews

White Background



This preview shows how the Hex color 5D552A looks on a white background.

Color Contrast Check

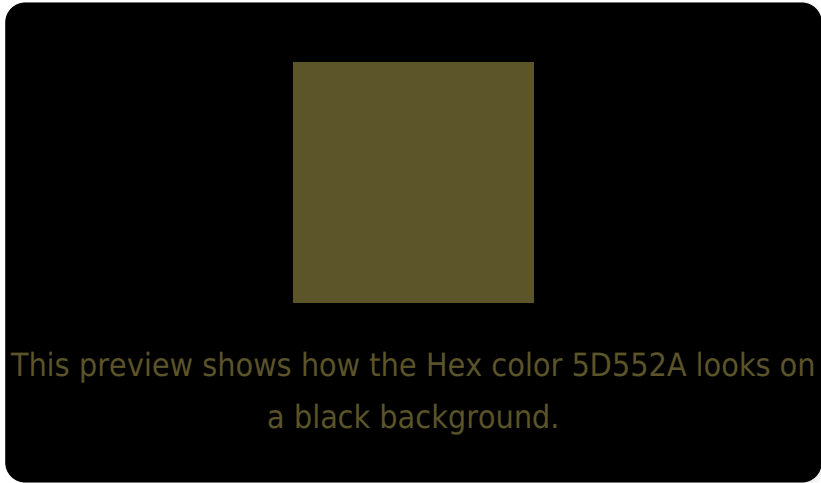
Large Text (above 18pt) WCAG AA ✓ Pass

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

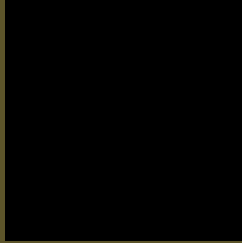
Any Text WCAG AA × Fail

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 5D552A Background



This preview shows how black text looks on a background with the Hex color 5D552A.



This preview shows how white text looks on a background with the Hex color 5D552A.

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
5D552A

Protanopia
5E552A

Deuteranopia
68512B



Tritanopia
615056

Trichromacy



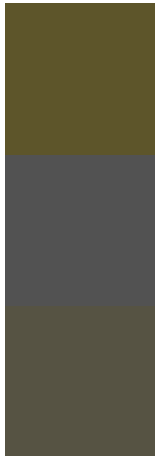
Original Color
5D552A

Protanomaly
5E552A

Deuteranomaly
64522B

Tritanomaly
605246

Monochromacy



Original Color
5D552A

Achromatopsia
525252

Achromatomaly
565343

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D552A 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 #5D552A looks like.

```
.text, #text, p{  
    color:#5D552A  
}
```

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 #5D552A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D552A
}
```

Border

The CSS property to change the border of an element to Hex 5D552A 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
#5D552A }
```

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

```
.border{ border-color:#5D552A }
```

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

Here you see how a box with a 4 pixel #5D552A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D552A; -webkit-box-shadow:4px 4px  
4px 4px #5D552A; box-shadow:4px 4px 4px  
4px #5D552A }
```

Background

The CSS property to change the background color of an element to Hex 5D552A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D552A }
```

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

```
.background{ background-color:#5D552A }
```

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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