

Converting Colors

Hex(5D723A)

Have a look what the booklet for
Hex(5D723A) contains.

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Color

Hex(5D723A)

Conversions

Conversions Part 1

Format	Color
Hex	5D723A
RGB	93, 114, 58
RGB Percent	36%, 45%, 23%
CMY	0.6353, 0.5529, 0.7725
CMYK	0.18, 0.00, 0.49, 0.55
HSL	82°, 33%, 34%
HSV	82°, 49%, 45%
XYZ	11.2952, 14.6673, 6.2387
YIQ	101.3370, 5.4600, -21.8680

Conversions

Conversions Part 2

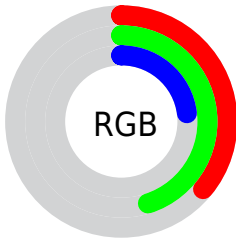
Format	Color
RYB	58, 114, 79
Decimal	6124090
CIELab	45.18, -17.86, 28.37
CIELCh	45, 33.526, 122.195
Yxy	14.6673, 0.3508, 0.4555
Android (android.graphics.Color)	4284314170 (0xFF5D723A)
YUV	101.3370, -21.3651, -7.3115
Hunter-Lab	38.2979, -14.3761, 17.1502

Details

The Hex color **5D723A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F3A72**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **90A66A**, and **2D420C** is the 20% darker color. If you saturate the color by 10%, you get **59722F**, and if you desaturate by 10%, it is **617245**.

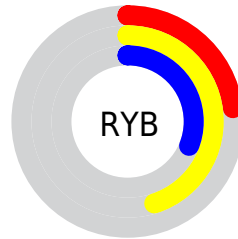
Distribution



Red (36%)

Green (45%)

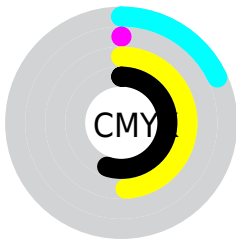
Blue (23%)



Red (23%)

Yellow (45%)

Blue (31%)

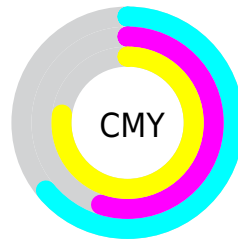


Cyan (18%)

Magenta (0%)

Yellow (49%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D723A 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 5D723A by changing the saturation by 10% instead.



5D723A



5D723A

FFFFFF



455923



90A66A



2D420C



ABC184



182C00



C7DD9E



001900



E3FABA



000000



FFFFD5



FFFFF2



5D723A



5D723A



59722F



617245

■ 547223

■ 667251

■ 507218

■ 6A725C

■ 4C720C

■ 6E7268

■ 487201

■ 727273

■ 477200

■ 77727E

■ 7B728A

■ 7F7295

■ 8372A1

Harmonies

Analogous

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



7A6A32



5D723A



397750

Triad

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



5D723A



00759C



9F546A

Complementary

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



5D723A



4F3A72

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.



8F5985



5D723A



406DA3

Square

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



5D723A



007988



70639A



9E574F

Rectangle

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



5D723A



137962



70639A



9B5573

Sweetspot

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



5D723A



8C947E



724F3A



454A3D



C9C9C9



4A4A4A

Same Dimension

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



5D723A



73943D



41723A



363832



4B7800



9BF700

Inverse Universe

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



4F3A72



5D3D94



6B3A72



353238



2D0078



5D00F7

Previews

White Background



This preview shows how the Hex color 5D723A 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

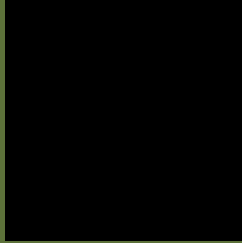
Any Text WCAG AA × Fail

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 5D723A Background



This preview shows how black text looks on a background with the Hex color 5D723A.



This preview shows how white text looks on a background with the Hex color 5D723A.

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
5D723A

Protanopia
766B38

Deuteranopia
82663D



Tritanopia
656C74

Trichromacy



Original Color
5D723A

Protanomaly
6D6E39

Deuteranomaly
756A3C

Tritanomaly
626E5F

Monochromacy



Original Color
5D723A

Achromatopsia
656565

Achromatomaly
626A55

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D723A 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 #5D723A looks like.

```
.text, #text, p{  
    color:#5D723A  
}
```

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 #5D723A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D723A
}
```

Border

The CSS property to change the border of an element to Hex 5D723A 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
#5D723A }
```

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

```
.border{ border-color:#5D723A }
```

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

Here you see how a box with a 4 pixel #5D723A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D723A; -webkit-box-shadow:4px 4px  
4px 4px #5D723A; box-shadow:4px 4px 4px  
4px #5D723A }
```

Background

The CSS property to change the background color of an element to Hex 5D723A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D723A }
```

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

```
.background{ background-color:#5D723A }
```

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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