

Converting Colors

Hex(55712F)

Have a look what the booklet for
Hex(55712F) contains.

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Color

Hex(55712F)

Conversions

Conversions Part 1

Format	Color
Hex	55712F
RGB	85, 113, 47
RGB Percent	33%, 44%, 18%
CMY	0.6667, 0.5569, 0.8157
CMYK	0.25, 0.00, 0.58, 0.56
HSL	85°, 41%, 31%
HSV	85°, 58%, 44%
XYZ	10.1645, 13.9468, 4.8456
YIQ	97.1040, 4.4980, -26.4620

Conversions

Conversions Part 2

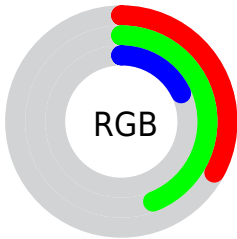
Format	Color
RYB	47, 113, 75
Decimal	5599535
CIELab	44.16, -21.97, 32.84
CIELCh	44, 39.511, 123.774
Yxy	13.9468, 0.3510, 0.4816
Android (android.graphics.Color)	4283789615 (0xFF55712F)
YUV	97.1040, -24.7013, -10.6152
Hunter-Lab	37.3454, -16.7710, 18.4489

Details

The Hex color **55712F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4B2F71**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **88A55F**, and **254100** is the 20% darker color. If you saturate the color by 10%, you get **507124**, and if you desaturate by 10%, it is **5A713A**.

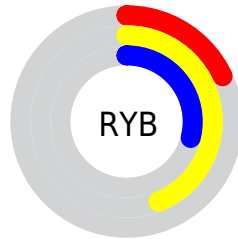
Distribution



 Red (33%)

 Green (44%)

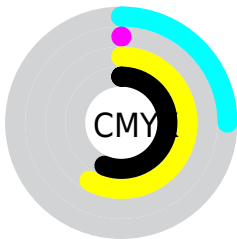
 Blue (18%)



 Red (18%)

 Yellow (44%)

 Blue (29%)

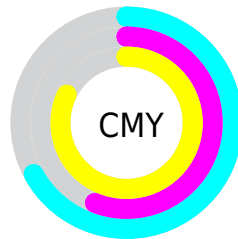


 Cyan (25%)

 Magenta (0%)

 Yellow (58%)

 Black (56%)



 Cyan (67%)

 Magenta (56%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55712F 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 55712F by changing the saturation by 10% instead.

 55712F

 55712F

FFFFFF

 3C5817

 88A55F

 254100

 A3C079

 0D2B00

 BFDC93

 001700

 DBF9AE

 000000

 F8FFC9

 FFFFE6

 55712F

 55712F

 507124

 5A713A

■ 4B7118

■ 5F7146

■ 47710D

■ 637151

■ 427102

■ 68715C

■ 417100

■ 6D7168

■ 727173

■ 77717E

■ 7B7189

■ 807195

Harmonies

Analogous

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



776823



55712F



25764A

Triad

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



55712F



0073A3



A44B66

Complementary

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



55712F



4B2F71

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.



945186



55712F



306BAA

Square

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



55712F



00788C



705E9F



A25046

Rectangle

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



55712F



007860



705E9F



A14C71

Sweetspot

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



55712F



899479



714B2F



434A3A



C9C9C9



4A4A4A

Same Dimension

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



55712F



68942C



35712F



363832



457800



8EF700

Inverse Universe

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



4B2F71



582C94



6B2F71



353238



330078



6900F7

Previews

White Background



This preview shows how the Hex color 55712F looks on a white background.

Color Contrast Check

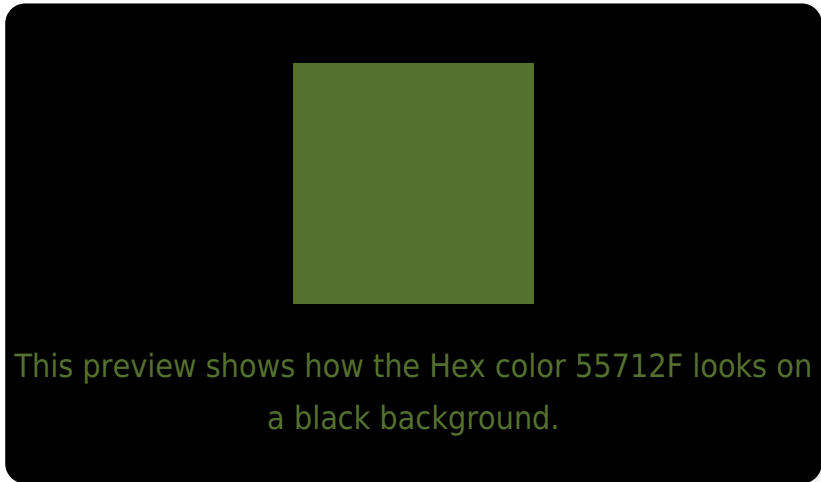
Large Text (above 18pt) WCAG AA ✓ Pass

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

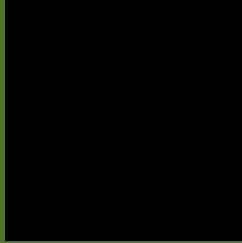
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

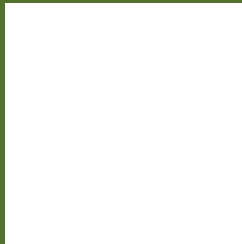
Any Text WCAG AAA × Fail

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

Hex 55712F Background



This preview shows how black text looks on a background with the Hex color 55712F.



This preview shows how white text looks on a background with the Hex color 55712F.

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](#).

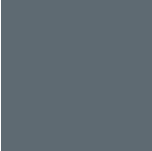
Dichromacy



Original Color
55712F

Protanopia
74682C

Deuteranopia
806333



Tritanopia
5E6A72

Trichromacy



Original Color
55712F

Protanomaly
696B2D

Deuteranomaly
706832

Tritanomaly
5B6D5A

Monochromacy



Original Color
55712F

Achromatopsia
616161

Achromatomaly
5D674F

CSS Examples

Text

The CSS property to change the color of the text to Hex 55712F 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 #55712F looks like.

```
.text, #text, p{  
    color:#55712F  
}
```

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 #55712F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55712F
}
```

Border

The CSS property to change the border of an element to Hex 55712F 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
#55712F }
```

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

```
.border{ border-color:#55712F }
```

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

Here you see how a box with a 4 pixel #55712F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55712F; -webkit-box-shadow:4px 4px  
4px 4px #55712F; box-shadow:4px 4px 4px  
4px #55712F }
```

Background

The CSS property to change the background color of an element to Hex 55712F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55712F }
```

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

```
.background{ background-color:#55712F }
```

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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