

Converting Colors

Hex(38712D)

Have a look what the booklet for
Hex(38712D) contains.

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Color

Hex(38712D)

Conversions

Conversions Part 1

Format	Color
Hex	38712D
RGB	56, 113, 45
RGB Percent	22%, 44%, 18%
CMY	0.7804, 0.5569, 0.8235
CMYK	0.50, 0.00, 0.60, 0.56
HSL	110°, 43%, 31%
HSV	110°, 60%, 44%
XYZ	8.0097, 12.8405, 4.5389
YIQ	88.2050, -12.1440, -33.2320

Conversions

Conversions Part 2

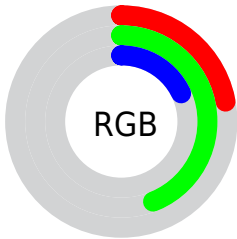
Format	Color
RYB	45, 113, 102
Decimal	3698989
CIELab	42.52, -33.04, 31.55
CIELCh	43, 45.685, 136.318
Yxy	12.8405, 0.3155, 0.5057
Android (android.graphics.Color)	4281889069 (0xFF38712D)
YUV	88.2050, -21.3001, -28.2438
Hunter-Lab	35.8336, -22.8098, 17.5734

Details

The Hex color **38712D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662D71**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6CA55D**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **2F7122**, and if you desaturate by 10%, it is **417138**.

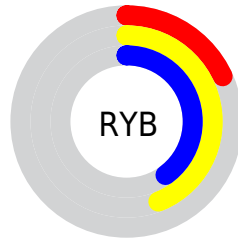
Distribution



Red (22%)

Green (44%)

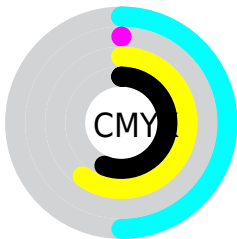
Blue (18%)



Red (18%)

Yellow (44%)

Blue (40%)

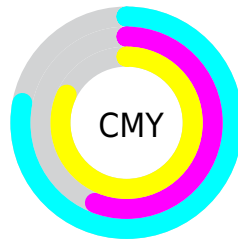


Cyan (50%)

Magenta (0%)

Yellow (60%)

Black (56%)



Cyan (78%)

Magenta (56%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38712D 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 38712D by changing the saturation by 10% instead.

 38712D

 38712D

FFFFFF

 1D5815

 6CA55D

 004000

 86C176

 002A00

 A1DD91

 001000

 BDFAAB

 000000


 DAFFC7

 F7FFE3

 38712D

 38712D

 2F7122

 417138

■ 257116

■ 4B7144

■ 1C710B

■ 54714F

■ 127100

■ 5E715A

■ 677166

■ 717171

■ 7A717C

■ 847187

■ 8D7193

Harmonies

Analogous

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



646913



38712D



007551

Triad

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



38712D



006EAE



A94151

Complementary

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



38712D



662D71

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.



A04377



38712D



4361AD

Square

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



38712D



00749A



805199



9F4D2F

Rectangle

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



38712D



00766C



805199



A8405E

Sweetspot

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



38712D



7E9479



71662D



3C4A3A



C9C9C9



4A4A4A

Same Dimension

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



38712D



3B9429



2D7144



333832



137800



28F700

Inverse Universe

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



662D71



832994



712D5A



373238



640078



CF00F7

Previews

White Background



This preview shows how the Hex color 38712D looks on a white background.

Color Contrast Check

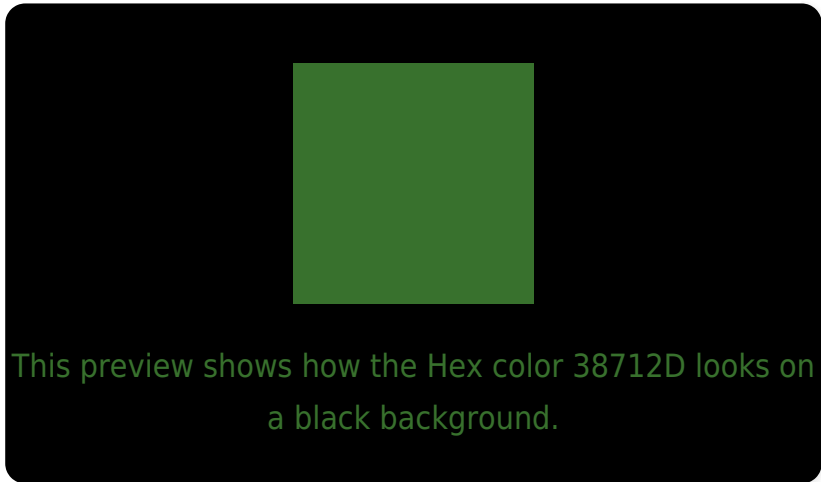
Large Text (above 18pt) WCAG AA ✓ Pass

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

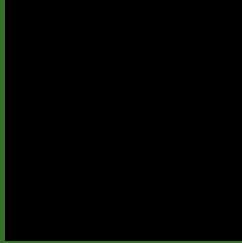
Any Text WCAG AA × Fail

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 38712D Background



This preview shows how black text looks on a background with the Hex color 38712D.



This preview shows how white text looks on a background with the Hex color 38712D.

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
38712D

Protanopia
6F6429

Deuteranopia
7B5F32



Tritanopia
466A72

Trichromacy



Original Color
38712D

Protanomaly
5B692A

Deuteranomaly
636630

Tritanomaly
416D59

Monochromacy



Original Color
38712D

Achromatopsia
585858

Achromatomaly
4C6148

CSS Examples

Text

The CSS property to change the color of the text to Hex 38712D 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 #38712D looks like.

```
.text, #text, p{  
    color:#38712D  
}
```

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 #38712D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38712D
}
```

Border

The CSS property to change the border of an element to Hex 38712D 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".

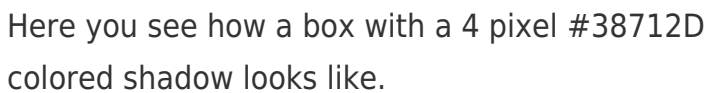
```
.border, #border, table{ border:4px solid
#38712D }
```

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

```
.border{ border-color:#38712D }
```

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

Here you see how a box with a 4 pixel #38712D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38712D; -webkit-box-shadow:4px 4px  
4px 4px #38712D; box-shadow:4px 4px 4px  
4px #38712D }
```

Background

The CSS property to change the background color of an element to Hex 38712D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38712D }
```

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

```
.background{ background-color:#38712D }
```

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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