

Converting Colors

Hex(37722A)

Have a look what the booklet for
Hex(37722A) contains.

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Color

Hex(37722A)

Conversions

Conversions Part 1

Format	Color
Hex	37722A
RGB	55, 114, 42
RGB Percent	22%, 45%, 16%
CMY	0.7843, 0.5529, 0.8353
CMYK	0.52, 0.00, 0.63, 0.55
HSL	109°, 46%, 31%
HSV	109°, 63%, 45%
XYZ	8.0108, 13.0140, 4.2802
YIQ	88.1510, -12.0520, -34.9000

Conversions

Conversions Part 2

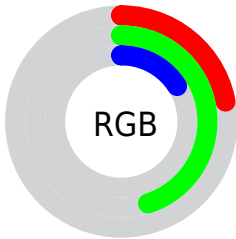
Format	Color
R_{YB}	42, 114, 101
Decimal	3633706
CIE _{Lab}	42.78, -34.16, 33.35
CIE _{LCh}	43, 47.739, 135.688
Yxy	13.0140, 0.3166, 0.5143
Android (android.graphics.Color)	4281823786 (0xFF37722A)
YUV	88.1510, -22.7524, -29.0734
Hunter-Lab	36.0749, -23.4936, 18.2178

Details

The Hex color **37722A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **652A72**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6BA65A**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **2E721F**, and if you desaturate by 10%, it is **407235**.

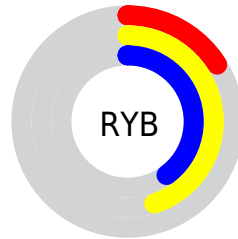
Distribution



 Red (22%)

 Green (45%)

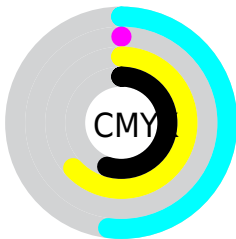
 Blue (16%)




 Red (16%)

 Yellow (45%)

 Blue (40%)

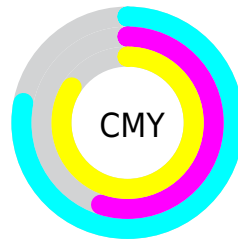


 Cyan (52%)


 Magenta (0%)

 Yellow (63%)

 Black (55%)



 Cyan (78%)

 Magenta (55%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37722A 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 37722A by changing the saturation by 10% instead.



37722A



37722A

FFFFFF



1C5912



6BA65A



004100



86C274



002B00



A1DE8E



001100



BDFBA8



000000



D9FFC4



F6FFE0



FFFFFFD



37722A



37722A

■ 2E721F

■ 407235

■ 247213

■ 4A7241

■ 1B7208

■ 53724C

■ 157200

■ 5C7258

■ 667263

■ 6F726E

■ 78727A

■ 827285

■ 8B7291

Harmonies

Analogous

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



65690C



37722A



007650

Triad

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



37722A



006FB1



AC3F52

Complementary

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



37722A



652A72

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.



A3427A



37722A



3E62B1

Square

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



37722A



00769D



81519D



A24C2E

Rectangle

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



37722A



00786C



81519D



AC3E5F

Sweetspot

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



37722A



7D9478



72652A



3C4A39



C9C9C9



4A4A4A

Same Dimension

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



37722A



389423



2A7241



343832



167800



2DF700

Inverse Universe

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



652A72



802394



722A5B



373238



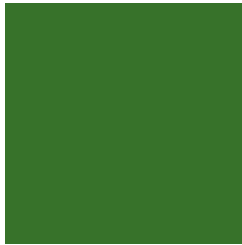
620078



CB00F7

Previews

White Background



This preview shows how the Hex color 37722A looks on a white background.

Color Contrast Check

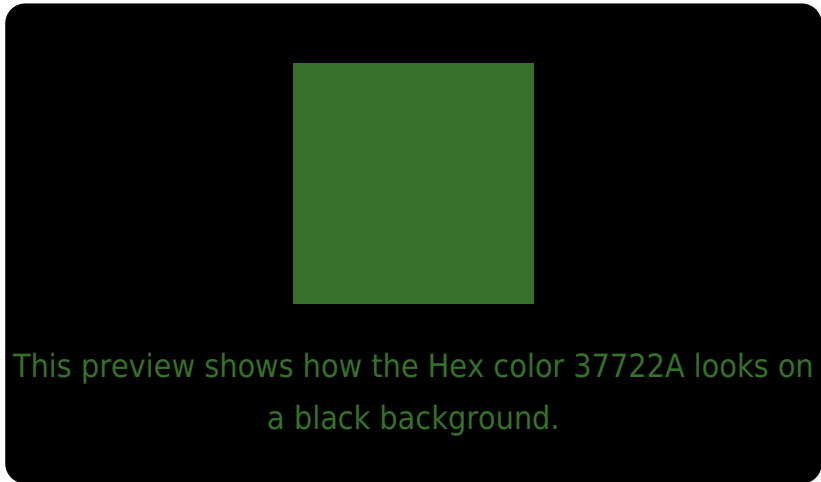
Large Text (above 18pt) WCAG AA ✓ Pass

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 37722A Background



This preview shows how black text looks on a background with the Hex color 37722A.



This preview shows how white text looks on a background with the Hex color 37722A.

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
37722A

Protanopia
706526

Deuteranopia
7C6030



Tritanopia
456B73

Trichromacy



Original Color
37722A

Protanomaly
5B6A27

Deuteranomaly
63672E

Tritanomaly
406E58

Monochromacy



Original Color
37722A

Achromatopsia
585858

Achromatomaly
4C6147

CSS Examples

Text

The CSS property to change the color of the text to Hex 37722A 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 #37722A looks like.

```
.text, #text, p{  
    color:#37722A  
}
```

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 #37722A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37722A
}
```

Border

The CSS property to change the border of an element to Hex 37722A 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
#37722A }
```

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

```
.border{ border-color:#37722A }
```

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

Here you see how a box with a 4 pixel #37722A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37722A; -webkit-box-shadow:4px 4px  
4px 4px #37722A; box-shadow:4px 4px 4px  
4px #37722A }
```

Background

The CSS property to change the background color of an element to Hex 37722A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37722A }
```

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

```
.background{ background-color:#37722A }
```

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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