

Converting Colors

Hex(2A732A)

Have a look what the booklet for
Hex(2A732A) contains.

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Color

Hex(2A732A)

Conversions

Conversions Part 1

Format	Color
Hex	2A732A
RGB	42, 115, 42
RGB Percent	16%, 45%, 16%
CMY	0.8353, 0.5490, 0.8353
CMYK	0.63, 0.00, 0.63, 0.55
HSL	120°, 46%, 31%
HSV	120°, 63%, 45%
XYZ	7.5035, 12.9209, 4.2890
YIQ	84.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

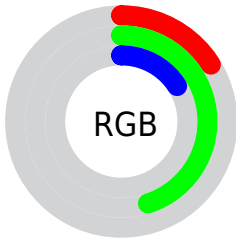
Format	Color
RYB	42, 115, 115
Decimal	2781994
CIELab	42.64, -38.28, 33.06
CIELCh	43, 50.582, 139.187
Yxy	12.9209, 0.3036, 0.5228
Android (android.graphics.Color)	4280972074 (0xFF2A732A)
YUV	84.8510, -21.1255, -37.5803
Hunter-Lab	35.9456, -25.6437, 18.0875

Details

The Hex color **2A732A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **732A73**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **60A85A**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **1F731F**, and if you desaturate by 10%, it is **367336**.

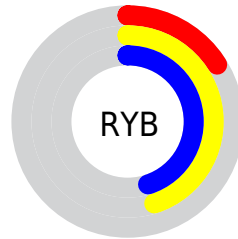
Distribution



Red (16%)

Green (45%)

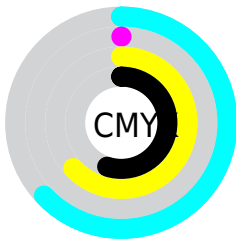
Blue (16%)



Red (16%)

Yellow (45%)

Blue (45%)

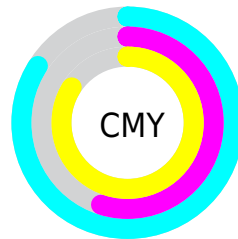


Cyan (63%)

Magenta (0%)

Yellow (63%)

Black (55%)



Cyan (84%)

Magenta (55%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A732A 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 2A732A by changing the saturation by 10% instead.



2A732A



2A732A

FFFFFF



065A12



60A85A



004200



7BC374



002B00



97DF8E



001100



B2FCA8



000000



CFFFC4



ECFFE0



FFFFFFD



2A732A



2A732A

■ 1F731F

■ 367336

■ 137313

■ 417341

■ 077307

■ 4D734D

■ 007300

■ 587358

■ 647364

■ 6F736F

■ 7B737B

■ 867386

■ 927392

Harmonies

Analogous

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



5F6B03



2A732A



007754

Triad

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



2A732A



006EB7



AF3C4C

Complementary

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



2A732A



732A73

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.



A83D76



2A732A



4560B4

Square

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



2A732A



0076A3



884D9C



A24C26

Rectangle

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



2A732A



007871



884D9C



AF3A5A

Sweetspot

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



2A732A



7A967A



73732A



3B4D3B



CCCCCC



4D4D4D

Same Dimension

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



2A732A



249624



2A734F



353B35



007A00



00FA00

Inverse Universe

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



732A73



962496



732A4F



3B353B



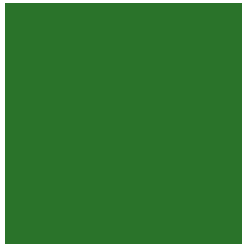
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 2A732A looks on a white background.

Color Contrast Check

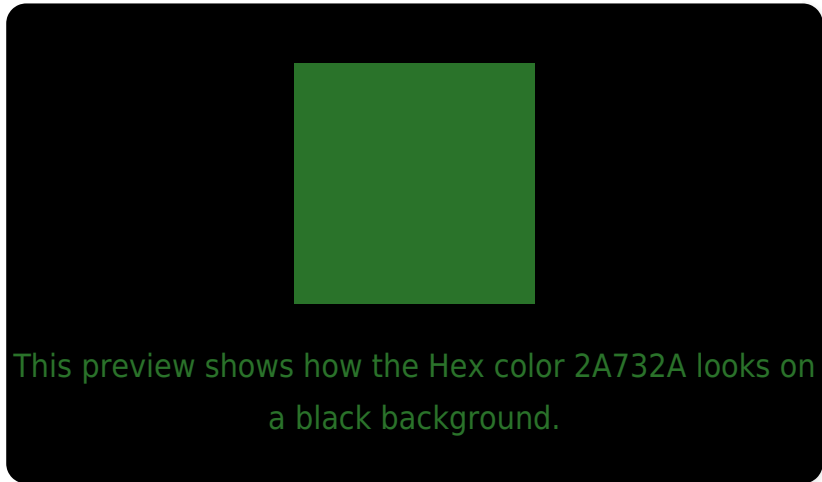
Large Text (above 18pt) WCAG AA ✓ Pass

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

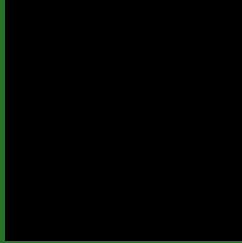
Any Text WCAG AA × Fail

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 2A732A Background



This preview shows how black text looks on a background with the Hex color 2A732A.



This preview shows how white text looks on a background with the Hex color 2A732A.

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
2A732A

Protanopia
706426

Deuteranopia
7C5F30



Tritanopia
3D6C74

Trichromacy



Original Color
2A732A

Protanomaly
576927

Deuteranomaly
5E662E

Tritanomaly
366F59

Monochromacy



Original Color
2A732A

Achromatopsia
555555

Achromatomaly
456045

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A732A 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 #2A732A looks like.

```
.text, #text, p{  
    color:#2A732A  
}
```

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 #2A732A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A732A
}
```

Border

The CSS property to change the border of an element to Hex 2A732A 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
#2A732A }
```

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

```
.border{ border-color:#2A732A }
```

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

Here you see how a box with a 4 pixel #2A732A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A732A; -webkit-box-shadow:4px 4px  
4px 4px #2A732A; box-shadow:4px 4px 4px  
4px #2A732A }
```

Background

The CSS property to change the background color of an element to Hex 2A732A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A732A }
```

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

```
.background{ background-color:#2A732A }
```

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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