

Converting Colors

Hex(00732D)

Have a look what the booklet for
Hex(00732D) contains.

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Color

Hex(00732D)

Conversions

Conversions Part 1

Format	Color
Hex	00732D
RGB	0, 115, 45
RGB Percent	0%, 45%, 18%
CMY	1.0000, 0.5490, 0.8235
CMYK	1.00, 0.00, 0.61, 0.55
HSL	143°, 100%, 23%
HSV	143°, 100%, 45%
XYZ	6.6044, 12.4509, 4.5378
YIQ	72.6350, -46.0700, -46.1500

Conversions

Conversions Part 2

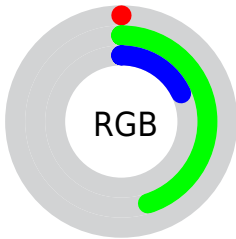
Format	Color
RYB	0, 83, 115
Decimal	29485
CIELab	41.92, -44.11, 30.53
CIELCh	42, 53.647, 145.316
Yxy	12.4509, 0.2799, 0.5277
Android (android.graphics.Color)	4278219565 (0xFF00732D)
YUV	72.6350, -13.6241, -63.7009
Hunter-Lab	35.2859, -28.3408, 17.0753

Details

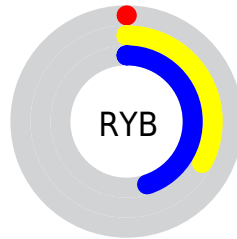
The Hex color **00732D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **730046**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4BA85D**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **00732D**, and if you desaturate by 10%, it is **0B7334**.

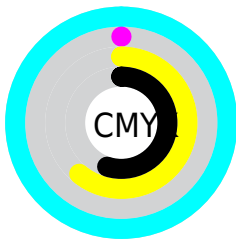
Distribution



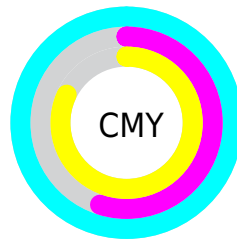
- Red (0%)
- Green (45%)
- Blue (18%)



- Red (0%)
- Yellow (33%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00732D 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 00732D by changing the saturation by 10% instead.

 00732D

 00732D

FFFFFF

 005A16

 4BA85D

 004100

 67C476

 002B00

 83E090

 000D00

 9FFDAB

 000000

 BBFFC7

 D8FFE3

 F6FFFF

 00732D

 0B7334

 17733B

 237342

 2E7349

 3A7350

 457357

 51735E

 5C7365

 68736C

Harmonies

Analogous

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



536B00



00732D



00775A

Triad

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



00732D



006ABB



AF3940

Complementary

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



00732D



730046

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.



AD346C



00732D



535AB3

Square

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



00732D



0073AB



914596



9D4C18

Rectangle

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



00732D



007779



914596



B1354E

Sweetspot

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



00732D



69967B



477300



314D3C



CCCCCC



4D4D4D

Same Dimension

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



00732D



00963B



007366



353B37



007A30



00FA62

Inverse Universe

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



730046



96005C



73000D



3B3538



7A004B



FA0098

Previews

White Background



This preview shows how the Hex color 00732D looks on a white background.

Color Contrast Check

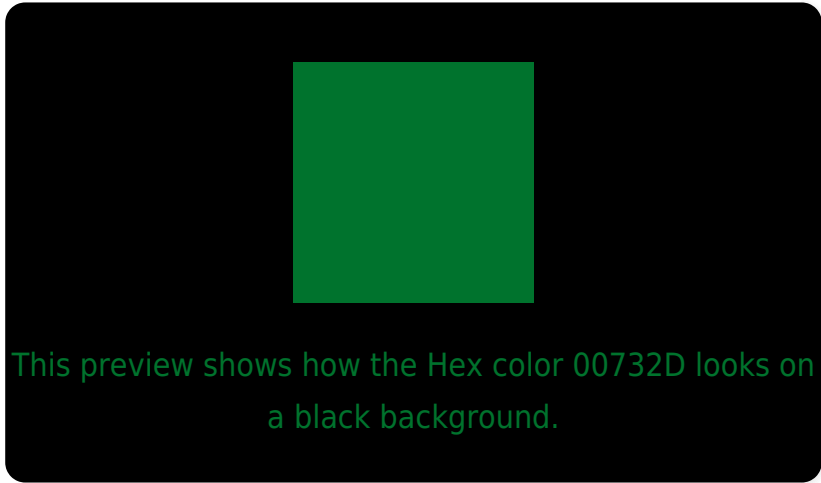
Large Text (above 18pt) WCAG AA ✓ Pass

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

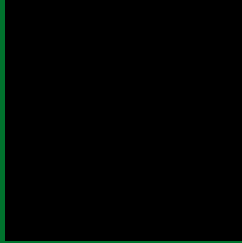
Any Text WCAG AA × Fail

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 00732D Background



This preview shows how black text looks on a background with the Hex color 00732D.



This preview shows how white text looks on a background with the Hex color 00732D.

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
00732D

Protanopia
6E6328

Deuteranopia
795E33



Tritanopia
2E6C75

Trichromacy



Original Color
00732D



Protanomaly
46692A



Deuteranomaly
4D6631



Tritanomaly
1D6F5B

Monochromacy



Original Color
00732D



Achromatopsia
494949



Achromatomaly
2E583F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00732D 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 #00732D looks like.

```
.text, #text, p{  
    color:#00732D  
}
```

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 #00732D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00732D
}
```

Border

The CSS property to change the border of an element to Hex 00732D 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
#00732D }
```

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

```
.border{ border-color:#00732D }
```

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

Here you see how a box with a 4 pixel #00732D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00732D; -webkit-box-shadow:4px 4px  
4px 4px #00732D; box-shadow:4px 4px 4px  
4px #00732D }
```

Background

The CSS property to change the background color of an element to Hex 00732D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00732D }
```

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

```
.background{ background-color:#00732D }
```

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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