

# Converting Colors

Hex(30752B)

Have a look what the booklet for  
Hex(30752B) contains.

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**Color**

**Hex(30752B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	30752B
RGB	48, 117, 43
RGB Percent	19%, 46%, 17%
CMY	0.8118, 0.5412, 0.8314
CMYK	0.59, 0.00, 0.63, 0.54
HSL	116°, 46%, 31%
HSV	116°, 63%, 46%
XYZ	8.0163, 13.5254, 4.4737
YIQ	87.9330, -17.3700, -37.6420

# Conversions

## Conversions Part 2

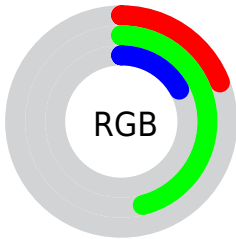
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 117, 112
Decimal	3175723
CIELab	43.54, -37.39, 33.65
CIELCh	44, 50.299, 138.011
Yxy	13.5254, 0.3081, 0.5199
Android (android.graphics.Color)	4281365803 (0xFF30752B)
YUV	87.9330, -22.1520, -35.0212
Hunter-Lab	36.7769, -25.4518, 18.5316

# Details

The Hex color **30752B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **702B75**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **66AA5B**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **25751F**, and if you desaturate by 10%, it is **3B7537**.

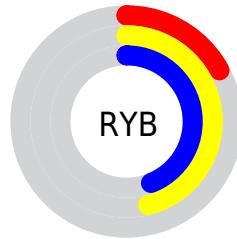
# Distribution



Red (19%)

Green (46%)

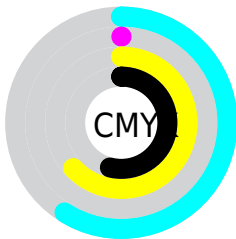
Blue (17%)



Red (17%)

Yellow (46%)

Blue (44%)

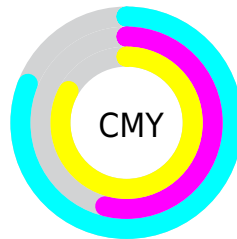


Cyan (59%)

Magenta (0%)

Yellow (63%)

Black (54%)



Cyan (81%)

Magenta (54%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30752B 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 30752B by changing the saturation by 10% instead.



 30752B

 30752B

FFFFFF

 115C13

 66AA5B

 004400

 80C575

 002D00

 9CE28F

 001500

 B8FEAA

 000000

 D4FFC5

 F1FFE2

 30752B

 30752B

 25751F

 3B7537

■ 1A7514

■ 467542

■ 0F7508

■ 51754E

■ 087500

■ 5C755A

■ 677566

■ 717571

■ 7C757D

■ 877589

■ 927594

# Harmonies

## Analogous

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



646C07



30752B



007954

# Triad

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



30752B



0070B9



B23F50

# Complementary

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



30752B



702B75

# 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.



A94079



30752B



4463B7

# Square

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



30752B



0078A4



88509F



A54D2A

# Rectangle

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



30752B



007A71



88509F



B13D5D



# Sweetspot

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



30752B



7E997C



756F2B



3C4D3B



CCCCCC



4D4D4D



# Same Dimension

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



30752B



2D9925



2B754A



353B35



087A00



11FA00



# Inverse Universe

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



702B75



912599



752B56



3A353B



72007A



E900FA



# Previews

## White Background



This preview shows how the Hex color 30752B looks on a white background.

## Color Contrast Check

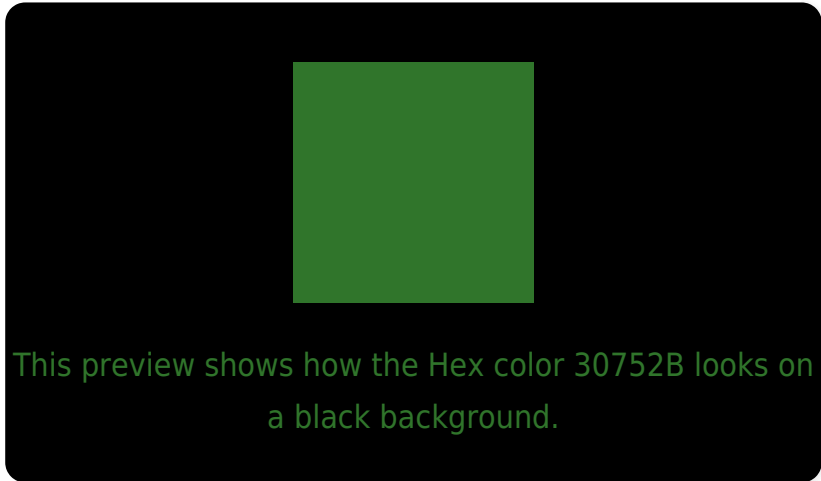
Large Text (above 18pt) WCAG AA ✓ Pass

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 30752B Background



This preview shows how black text looks on a background with the Hex color 30752B.



This preview shows how white text looks on a background with the Hex color 30752B.

# 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**  
30752B

**Protanopia**  
726727

**Deuteranopia**  
7E6131



**Tritanopia**  
416E76

# Trichromacy



**Original Color**  
30752B

**Protanomaly**  
5A6C28

**Deuteranomaly**  
62682F

**Tritanomaly**  
3B715B

# Monochromacy



**Original Color**  
30752B

**Achromatopsia**  
585858

**Achromatomaly**  
496348

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30752B 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 #30752B looks like.

```
.text, #text, p{  
    color:#30752B  
}
```

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 #30752B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30752B
}
```

## Border

The CSS property to change the border of an element to Hex 30752B 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
#30752B }
```

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

```
.border{ border-color:#30752B }
```

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

Here you see how a box with a 4 pixel #30752B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30752B; -webkit-box-shadow:4px 4px  
4px 4px #30752B; box-shadow:4px 4px 4px  
4px #30752B }
```

# Background

The CSS property to change the background color of an element to Hex 30752B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30752B }
```

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

```
.background{ background-color:#30752B }
```

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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