

# Converting Colors

Hex(30572D)

Have a look what the booklet for  
Hex(30572D) contains.

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# Color

**Hex(30572D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30572D
RGB	48, 87, 45
RGB Percent	19%, 34%, 18%
CMY	0.8118, 0.6588, 0.8235
CMYK	0.45, 0.00, 0.48, 0.66
HSL	116°, 32%, 26%
HSV	116°, 48%, 34%
XYZ	5.1008, 7.6342, 3.6873
YIQ	70.5510, -9.7620, -21.3300

# Conversions

## Conversions Part 2

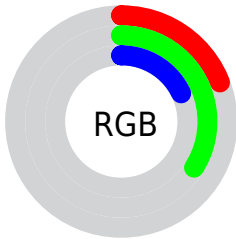
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 87, 84
Decimal	3168045
CIELab	33.21, -23.51, 20.14
CIELCh	33, 30.956, 139.420
Yxy	7.6342, 0.3106, 0.4649
Android (android.graphics.Color)	4281358125 (0xFF30572D)
YUV	70.5510, -12.5966, -19.7772
Hunter-Lab	27.6301, -15.3999, 11.4286

# Details

The Hex color **30572D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **542D57**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **61895C**, and **032900** is the 20% darker color. If you saturate the color by 10%, you get **285724**, and if you desaturate by 10%, it is **385736**.

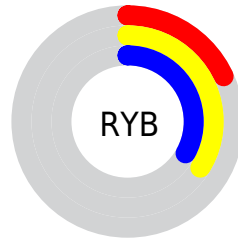
# Distribution



 Red (19%)

 Green (34%)

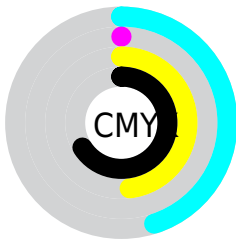
 Blue (18%)




 Red (18%)

 Yellow (34%)

 Blue (33%)

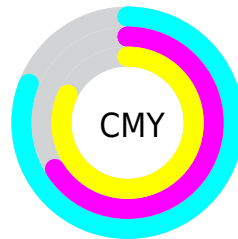


 Cyan (45%)


 Magenta (0%)

 Yellow (48%)

 Black (66%)



 Cyan (81%)

 Magenta (66%)

 Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30572D 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 30572D by changing the saturation by 10% instead.



 30572D

 30572D

FFFFFF

 183F17

 61895C

 032900

 7AA474

 001300

 94BF8E

 000000

 AFDBA9

 CBF7C4

 E8FFE0

 FFFFFD

 30572D

 30572D

■ 285724

■ 385736

■ 20571C

■ 40573E

■ 185713

■ 485747

■ 10570A

■ 505750

■ 085701

■ 585759

■ 065700

■ 605761

■ 69576A

■ 715773

■ 79577B

# Harmonies

## Analogous

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



4D521E



30572D



005A44

# Triad

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



30572D



00537E



7C3A3F

# Complementary

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



30572D



542D57

# 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.



773A58



30572D



414B7C

# Square

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



30572D



005873



64416E



74412A

# Rectangle

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



30572D



005A55



64416E



7C3947



# Sweetspot

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



30572D



627060



57542D



2F382F



B8B8B8



383838



# Same Dimension

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



30572D



34702F



2D573F



272B27



086B00



11EB00



# Inverse Universe

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



542D57



6C2F70



572D46



2B272B



63006B

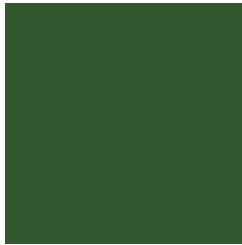


DA00EB



# Previews

## White Background



This preview shows how the Hex color 30572D looks on a white background.

## Color Contrast Check

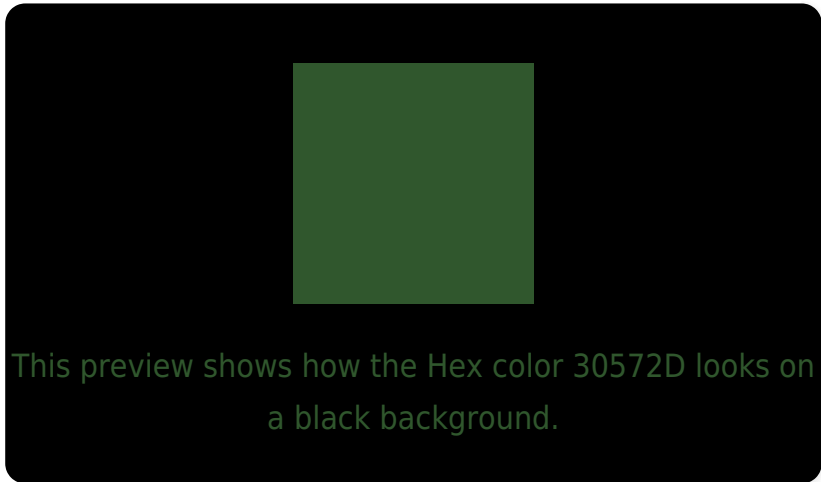
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30572D Background



This preview shows how black text looks on a background with the Hex color 30572D.



This preview shows how white text looks on a background with the Hex color 30572D.

# 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**  
30572D

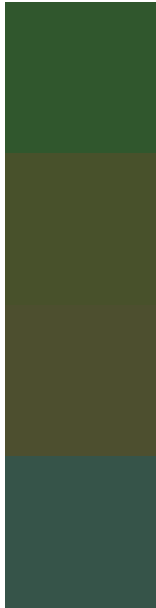
**Protanopia**  
564E2A

**Deuteranopia**  
5E4A30



**Tritanopia**  
395259

# Trichromacy



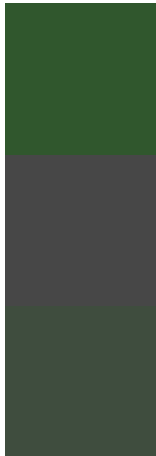
**Original Color**  
30572D

**Protanomaly**  
48512B

**Deuteranomaly**  
4D4F2F

**Tritanomaly**  
365449

# Monochromacy



**Original Color**  
30572D

**Achromatopsia**  
474747

**Achromatomaly**  
3F4D3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30572D 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 #30572D looks like.

```
.text, #text, p{  
    color:#30572D  
}
```

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 #30572D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30572D
}
```

## Border

The CSS property to change the border of an element to Hex 30572D 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
#30572D }
```

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

```
.border{ border-color:#30572D }
```

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

Here you see how a box with a 4 pixel #30572D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30572D; -webkit-box-shadow:4px 4px  
4px 4px #30572D; box-shadow:4px 4px 4px  
4px #30572D }
```

# Background

The CSS property to change the background color of an element to Hex 30572D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30572D }
```

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

```
.background{ background-color:#30572D }
```

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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