

Converting Colors

Hex(3D5D2C)

Have a look what the booklet for
Hex(3D5D2C) contains.

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Color

Hex(3D5D2C)

Conversions

Conversions Part 1

Format	Color
Hex	3D5D2C
RGB	61, 93, 44
RGB Percent	24%, 36%, 17%
CMY	0.7608, 0.6353, 0.8275
CMYK	0.34, 0.00, 0.53, 0.64
HSL	99°, 36%, 27%
HSV	99°, 53%, 36%
XYZ	6.2934, 9.0027, 3.7889
YIQ	77.8460, -3.3430, -22.0230

Conversions

Conversions Part 2

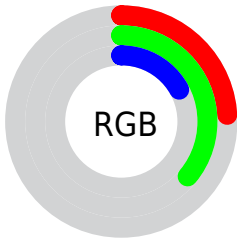
Format	Color
R_{YB}	44, 93, 76
Decimal	4021548
CIE _{Lab}	35.99, -21.81, 24.34
CIE _{LCh}	36, 32.685, 131.863
Yxy	9.0027, 0.3298, 0.4717
Android (android.graphics.Color)	4282211628 (0xFF3D5D2C)
YUV	77.8460, -16.6861, -14.7739
Hunter-Lab	30.0044, -15.0673, 13.5161

Details

The Hex color **3D5D2C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C2C5D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6E905B**, and **102F00** is the 20% darker color. If you saturate the color by 10%, you get **375D23**, and if you desaturate by 10%, it is **435D35**.

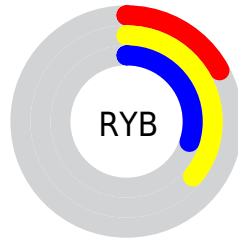
Distribution



Red (24%)

Green (36%)

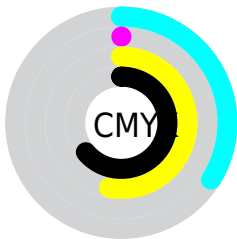
Blue (17%)



Red (17%)

Yellow (36%)

Blue (30%)

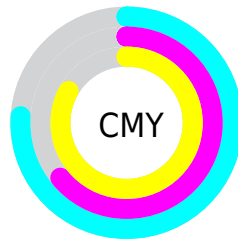


Cyan (34%)

Magenta (0%)

Yellow (53%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5D2C 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 3D5D2C by changing the saturation by 10% instead.



3D5D2C



3D5D2C

FFFFFF



264516



6E905B



102F00



88AA74



001C00



A3C68E



000000



BEE2A8



DAFEC4



F7FFE0



FFFFFFC



3D5D2C



3D5D2C

■ 375D23

■ 435D35

■ 315D19

■ 495D3F

■ 2B5D10

■ 4F5D48

■ 255D07

■ 555D51

■ 205D00

■ 5B5D5B

■ 615D64

■ 685D6D

■ 6E5D76

■ 745D80

Harmonies

Analogous

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



5A571F



3D5D2C



0F6143

Triad

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



3D5D2C



005C86



863E4B

Complementary

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



3D5D2C



4C2C5D

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.



7D4166



3D5D2C



3A5488

Square

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



3D5D2C



006077



644A7C



814433

Rectangle

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



3D5D2C



006255



644A7C



843E54

Sweetspot

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



3D5D2C



6B7865



5D4C2C



363D32



BDBDBD



3D3D3D

Same Dimension

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



3D5D2C



47782C



2C5D33



2B2E29



266E00



52ED00

Inverse Universe

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



4C2C5D



5E2C78



5D2C56



2C292E



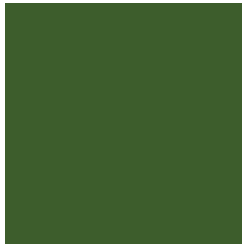
48006E



9B00ED

Previews

White Background



This preview shows how the Hex color 3D5D2C looks on a white background.

Color Contrast Check

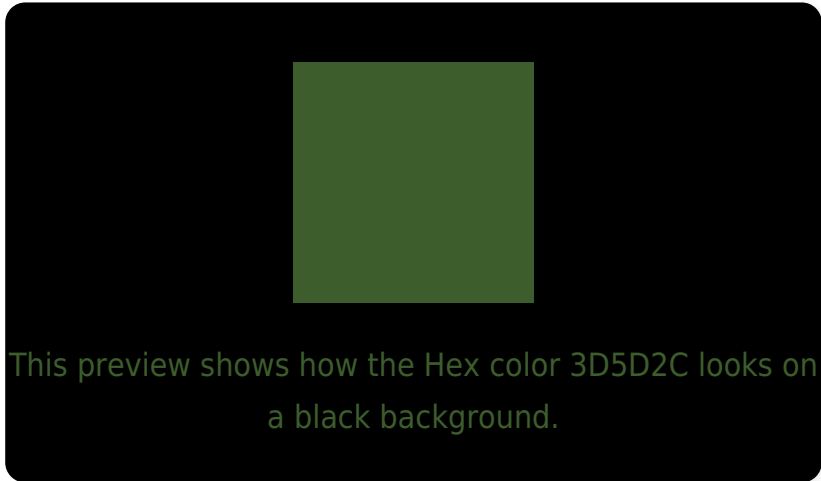
Large Text (above 18pt) WCAG AA ✓ Pass

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

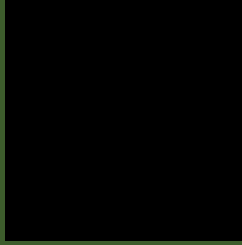
Any Text WCAG AA × Fail

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 3D5D2C Background



This preview shows how black text looks on a background with the Hex color 3D5D2C.



This preview shows how white text looks on a background with the Hex color 3D5D2C.

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](#).

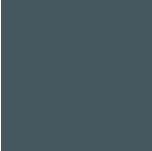
Dichromacy



Original Color
3D5D2C

Protanopia
5D5429

Deuteranopia
67502F



Tritanopia
45585F

Trichromacy



Original Color
3D5D2C

Protanomaly
51572A

Deuteranomaly
58552E

Tritanomaly
425A4C

Monochromacy



Original Color
3D5D2C

Achromatopsia
4E4E4E

Achromatomaly
485342

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5D2C 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 #3D5D2C looks like.

```
.text, #text, p{  
    color:#3D5D2C  
}
```

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 #3D5D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5D2C
}
```

Border

The CSS property to change the border of an element to Hex 3D5D2C 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
#3D5D2C }
```

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

```
.border{ border-color:#3D5D2C }
```

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

Here you see how a box with a 4 pixel #3D5D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5D2C; -webkit-box-shadow:4px 4px  
4px 4px #3D5D2C; box-shadow:4px 4px 4px  
4px #3D5D2C }
```

Background

The CSS property to change the background color of an element to Hex 3D5D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5D2C }
```

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

```
.background{ background-color:#3D5D2C }
```

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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