

Converting Colors

Hex(3D5321)

Have a look what the booklet for
Hex(3D5321) contains.

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Color

Hex(3D5321)

Conversions

Conversions Part 1

Format	Color
Hex	3D5321
RGB	61, 83, 33
RGB Percent	24%, 33%, 13%
CMY	0.7608, 0.6745, 0.8706
CMYK	0.27, 0.00, 0.60, 0.67
HSL	86°, 43%, 23%
HSV	86°, 60%, 33%
XYZ	5.2922, 7.2884, 2.5667
YIQ	70.7220, 2.9380, -20.2140

Conversions

Conversions Part 2

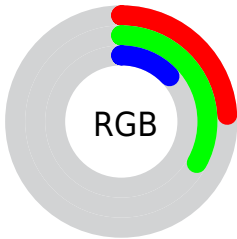
Format	Color
R_{YB}	33, 83, 55
Decimal	4018977
CIE Lab	32.45, -17.93, 26.20
CIE LCh	32, 31.744, 124.386
Yxy	7.2884, 0.3494, 0.4812
Android (android.graphics.Color)	4282209057 (0xFF3D5321)
YUV	70.7220, -18.5969, -8.5262
Hunter-Lab	26.9971, -12.2535, 13.2610

Details

The Hex color **3D5321** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **372153**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6E854F**, and **112600** is the 20% darker color. If you saturate the color by 10%, you get **395319**, and if you desaturate by 10%, it is **415329**.

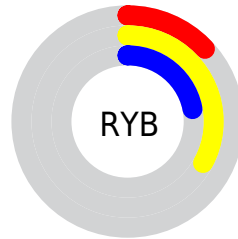
Distribution



Red (24%)

Green (33%)

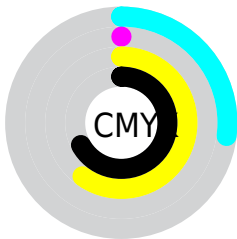
Blue (13%)



Red (13%)

Yellow (33%)

Blue (22%)

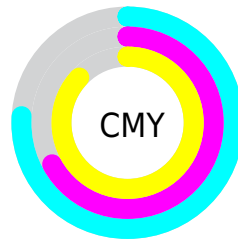


Cyan (27%)

Magenta (0%)

Yellow (60%)

Black (67%)



Cyan (76%)

Magenta (67%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5321 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 3D5321 by changing the saturation by 10% instead.

 3D5321

 3D5321

FFFFFF

 263C0A

 6E854F

 112600

 889F68

 001000

 A2BA81

 000000

 BED69B

 DAF2B6

 F7FFD2

 FFFFEE

 3D5321

 3D5321

■ 395319

■ 415329

■ 365310

■ 445332

■ 325308

■ 48533A

■ 2E5300

■ 4C5342

■ 4F534A

■ 535353

■ 57535B

■ 5A5363

■ 5E536C

Harmonies

Analogous

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



574C18



3D5321



185736

Triad

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



3D5321



005579



7A364A

Complementary

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



3D5321



372153

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.



6E3B62



3D5321



234E7E

Square

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



3D5321



005868



534476



783A31

Rectangle

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



3D5321



005847



534476



783752

Sweetspot

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



3D5321



636B58



533721



30362A



B5B5B5



363636

Same Dimension

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



3D5321



496B1E



245321



272925



3B6900



82E800

Inverse Universe

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



372153



401E6B



502153



272529



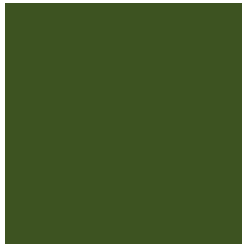
2E0069



6600E8

Previews

White Background



This preview shows how the Hex color 3D5321 looks on a white background.

Color Contrast Check

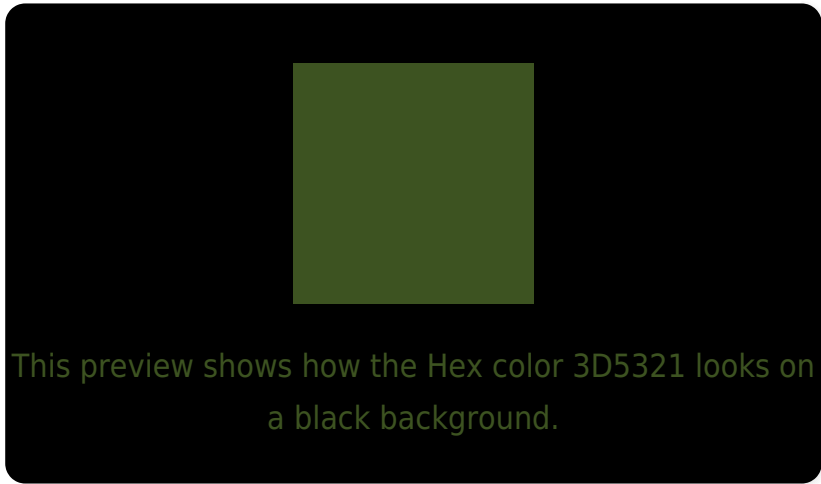
Large Text (above 18pt) WCAG AA ✓ Pass

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

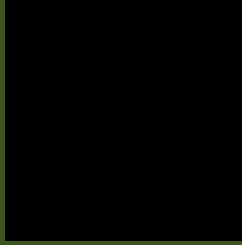
Any Text WCAG AA × Fail

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 3D5321 Background



This preview shows how black text looks on a background with the Hex color 3D5321.



This preview shows how white text looks on a background with the Hex color 3D5321.

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
3D5321

Protanopia
554C1F

Deuteranopia
5E4924



Tritanopia
444E54

Trichromacy



Original Color
3D5321

Protanomaly
4C4F20

Deuteranomaly
524D23

Tritanomaly
415041

Monochromacy



Original Color
3D5321

Achromatopsia
474747

Achromatomaly
434B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5321 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 #3D5321 looks like.

```
.text, #text, p{  
    color:#3D5321  
}
```

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 #3D5321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5321
}
```

Border

The CSS property to change the border of an element to Hex 3D5321 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
#3D5321 }
```

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

```
.border{ border-color:#3D5321 }
```

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

Here you see how a box with a 4 pixel #3D5321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5321; -webkit-box-shadow:4px 4px  
4px 4px #3D5321; box-shadow:4px 4px 4px  
4px #3D5321 }
```

Background

The CSS property to change the background color of an element to Hex 3D5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5321 }
```

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

```
.background{ background-color:#3D5321 }
```

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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