

Converting Colors

Hex(3D5B00)

Have a look what the booklet for
Hex(3D5B00) contains.

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Color

Hex(3D5B00)

Conversions

Conversions Part 1

Format	Color
Hex	3D5B00
RGB	61, 91, 0
RGB Percent	24%, 36%, 0%
CMY	0.7608, 0.6431, 1.0000
CMYK	0.33, 0.00, 1.00, 0.64
HSL	80°, 100%, 18%
HSV	80°, 100%, 36%
XYZ	5.6656, 8.4743, 1.3371
YIQ	71.6560, 11.3310, -34.6610

Conversions

Conversions Part 2

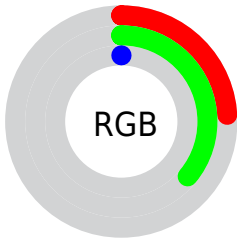
Format	Color
R _{YB}	0, 91, 30
Decimal	4020992
CIE Lab	34.95, -24.30, 41.71
CIE LCh	35, 48.270, 120.231
Yxy	8.4743, 0.3661, 0.5475
Android (android.graphics.Color)	4282211072 (0xFF3D5B00)
YUV	71.6560, -35.3264, -9.3453
Hunter-Lab	29.1106, -16.2036, 17.6541

Details

The Hex color **3D5B00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1E005B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **708D37**, and **092D00** is the 20% darker color. If you saturate the color by 10%, you get **3D5B00**, and if you desaturate by 10%, it is **405B09**.

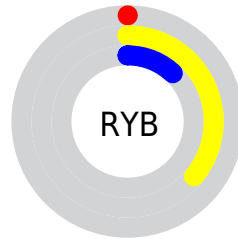
Distribution



Red (24%)

Green (36%)

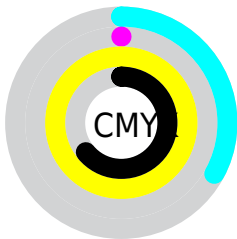
Blue (0%)



Red (0%)

Yellow (36%)

Blue (12%)

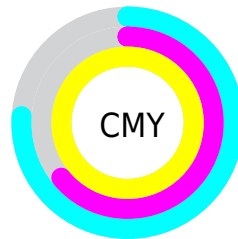


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5B00 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 3D5B00 by changing the saturation by 10% instead.

 3D5B00

 3D5B00

 FFFFF2

 254300

 708D37

 092D00

 8BA850

 001A00

 A6C369

 000000

 C2DF83

 DEFC9E

 FBFFBA

 FFFFD6

 3D5B00

 405B09

 435B12

 465B1B

 495B24

 4C5B2E

 4F5B37

 525B40

 555B49

 585B52

Harmonies

Analogous

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



635100



3D5B00



006129

Triad

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



3D5B00



006095



942854

Complementary

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



3D5B00



1E005B

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.



803579



3D5B00



0057A0

Square

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



3D5B00



006378



504895



932F2E

Rectangle

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



3D5B00



006344



504895



902A60

Sweetspot

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



3D5B00



6A7552



5B1D00



343B26



BABABA



3B3B3B

Same Dimension

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



3D5B00



4F7500



115B00



2C2E29



4A6E00



9FED00

Inverse Universe

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



1E005B



270075



4A005B



2B292E



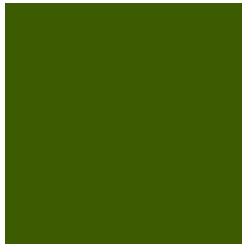
24006E



4E00ED

Previews

White Background



This preview shows how the Hex color 3D5B00 looks on a white background.

Color Contrast Check

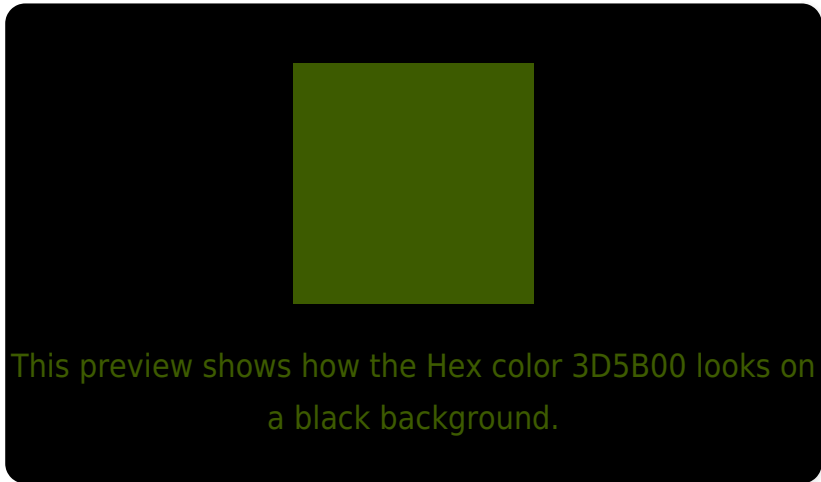
Large Text (above 18pt) WCAG AA ✓ Pass

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

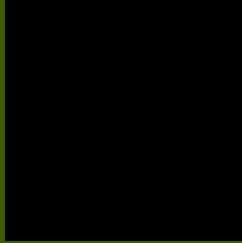
Any Text WCAG AA × Fail

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 3D5B00 Background



This preview shows how black text looks on a background with the Hex color 3D5B00.



This preview shows how white text looks on a background with the Hex color 3D5B00.

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
3D5B00

Protanopia
5D5200

Deuteranopia
674E11



Tritanopia
46555B

Trichromacy



Original Color
3D5B00

Protanomaly
515500

Deuteranomaly
58530B

Tritanomaly
43573A

Monochromacy



Original Color
3D5B00

Achromatopsia
484848

Achromatomaly
444F2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5B00 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 #3D5B00 looks like.

```
.text, #text, p{  
    color:#3D5B00  
}
```

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 #3D5B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5B00
}
```

Border

The CSS property to change the border of an element to Hex 3D5B00 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
#3D5B00 }
```

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

```
.border{ border-color:#3D5B00 }
```

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

Here you see how a box with a 4 pixel #3D5B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5B00; -webkit-box-shadow:4px 4px  
4px 4px #3D5B00; box-shadow:4px 4px 4px  
4px #3D5B00 }
```

Background

The CSS property to change the background color of an element to Hex 3D5B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5B00 }
```

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

```
.background{ background-color:#3D5B00 }
```

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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