

Converting Colors

Hex(3D6E00)

Have a look what the booklet for
Hex(3D6E00) contains.

Hex(3D6E00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D6E00)

Conversions

Conversions Part 1

Format	Color
Hex	3D6E00
RGB	61, 110, 0
RGB Percent	24%, 43%, 0%
CMY	0.7608, 0.5686, 1.0000
CMYK	0.45, 0.00, 1.00, 0.57
HSL	87°, 100%, 22%
HSV	87°, 100%, 43%
XYZ	7.5004, 12.1440, 1.9487
YIQ	82.8090, 6.1060, -44.5980

Conversions

Conversions Part 2

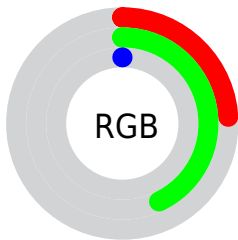
Format	Color
RYB	0, 110, 49
Decimal	4025856
CIELab	41.44, -33.14, 46.73
CIELCh	41, 57.286, 125.346
Yxy	12.1440, 0.3474, 0.5624
Android (android.graphics.Color)	4282215936 (0xFF3D6E00)
YUV	82.8090, -40.8248, -19.1265
Hunter-Lab	34.8482, -22.5656, 21.0782

Details

The Hex color **3D6E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **31006E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **72A23C**, and **013E00** is the 20% darker color. If you saturate the color by 10%, you get **3D6E00**, and if you desaturate by 10%, it is **426E0B**.

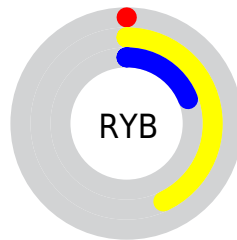
Distribution



Red (24%)

Green (43%)

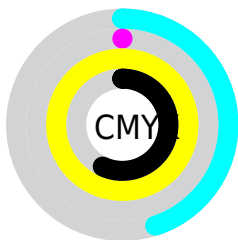
Blue (0%)



Red (0%)

Yellow (43%)

Blue (19%)

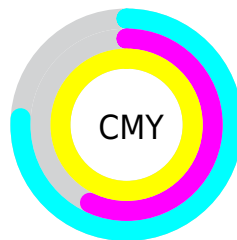


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (76%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6E00 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 3D6E00 by changing the saturation by 10% instead.

 3D6E00

 3D6E00

 FFFFFA

 225500

 72A23C

 013E00

 8DBD55

 002800

 A9D96F

 000A00

 C5F68A

 000000

 E2FFA5

 FFFFC1


 FFFFDD

 3D6E00

 426E0B

 476E16

 4C6E21

 516E2C

 566E37

 5A6E42

 5F6E4D

 646E58

 696E63

Harmonies

Analogous

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



6F6300



3D6E00



007438

Triad

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



3D6E00



0071B7



B42B5B

Complementary

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



3D6E00



31006E

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.



A0388A



3D6E00



0065C0

Square

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



3D6E00



007697



6B51AF



AE392E

Rectangle

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



3D6E00



007659



6B51AF



B02C6B

Sweetspot

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



3D6E00



7C8F64



6E3000



3C472E



C7C7C7



474747

Same Dimension

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



3D6E00



4F8F00



076E00



363832



427800



89F700

Inverse Universe

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



31006E



40008F



67006E



353238



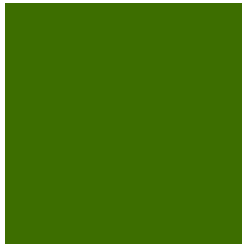
350078



6E00F7

Previews

White Background



This preview shows how the Hex color 3D6E00 looks on a white background.

Color Contrast Check

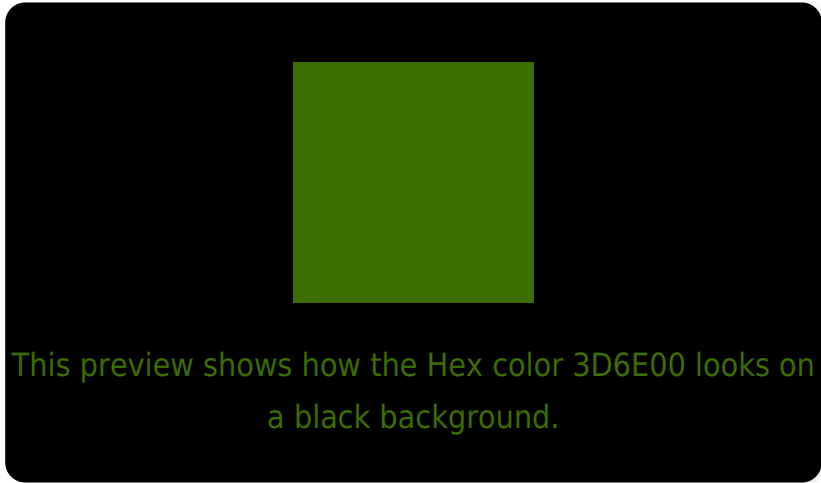
Large Text (above 18pt) WCAG AA ✓ Pass

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

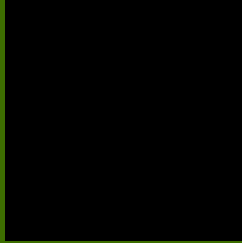
Any Text WCAG AA × Fail

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 3D6E00 Background



This preview shows how black text looks on a background with the Hex color 3D6E00.



This preview shows how white text looks on a background with the Hex color 3D6E00.

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
3D6E00

Protanopia
6E6200

Deuteranopia
7B5D16



Tritanopia
4A666E

Trichromacy



Original Color
3D6E00

Protanomaly
5C6600

Deuteranomaly
64630E

Tritanomaly
456946

Monochromacy



Original Color
3D6E00

Achromatopsia
535353

Achromatomaly
4B5D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6E00 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 #3D6E00 looks like.

```
.text, #text, p{  
    color:#3D6E00  
}
```

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 #3D6E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6E00
}
```

Border

The CSS property to change the border of an element to Hex 3D6E00 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
#3D6E00 }
```

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

```
.border{ border-color:#3D6E00 }
```

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

Here you see how a box with a 4 pixel #3D6E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6E00; -webkit-box-shadow:4px 4px  
4px 4px #3D6E00; box-shadow:4px 4px 4px  
4px #3D6E00 }
```

Background

The CSS property to change the background color of an element to Hex 3D6E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6E00 }
```

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

```
.background{ background-color:#3D6E00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor