

# Converting Colors

Hex(3D6400)

Have a look what the booklet for  
Hex(3D6400) contains.

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**Color**

**Hex(3D6400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D6400
RGB	61, 100, 0
RGB Percent	24%, 39%, 0%
CMY	0.7608, 0.6078, 1.0000
CMYK	0.39, 0.00, 1.00, 0.61
HSL	83°, 100%, 20%
HSV	83°, 100%, 39%
XYZ	6.4816, 10.1064, 1.6091
YIQ	76.9390, 8.8560, -39.3680

# Conversions

## Conversions Part 2

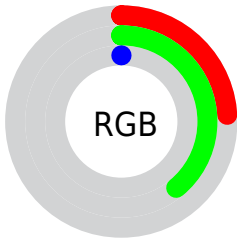
Format	Color
<a href="#">RYB</a>	<a href="#">0, 100, 39</a>
Decimal	<a href="#">4023296</a>
CIELab	<a href="#">38.03, -28.62, 44.08</a>
CIELCh	<a href="#">38, 52.558, 122.998</a>
Yxy	<a href="#">10.1064, 0.3562, 0.5554</a>
Android (android.graphics.Color)	<a href="#">4282213376</a> ( <a href="#">0xFF3D6400</a> )
YUV	<a href="#">76.9390, -37.9309, -13.9785</a>
Hunter-Lab	<a href="#">31.7906, -19.2401, 19.2524</a>

# Details

The Hex color **3D6400** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **270064**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **719739**, and **063500** is the 20% darker color. If you saturate the color by 10%, you get **3D6400**, and if you desaturate by 10%, it is **41640A**.

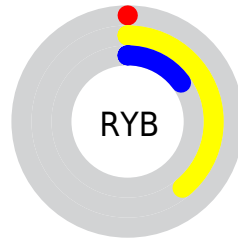
# Distribution



Red (24%)

Green (39%)

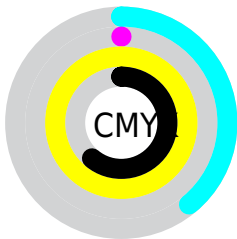
Blue (0%)



Red (0%)

Yellow (39%)

Blue (15%)

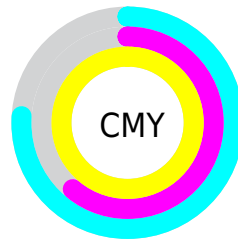


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (76%)

Magenta (61%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D6400 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 3D6400 by changing the saturation by 10% instead.




 3D6400

 3D6400

 FFFFF6

 244C00

 719739

 063500

 8CB253

 002100

 A7CE6C

 000000

 C3EA87

 E0FFA1

 FDFFB D

 FFFFD9


 3D6400

 41640A

 456414

 49641E

 4D6428

 516432

 54643C

 586446

 5C6450

 60645A

# Harmonies

## Analogous

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



695900



3D6400



006A30

# Triad

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



3D6400



0068A5



A32957

# Complementary

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



3D6400



270064

# 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.



8F3681



3D6400



005DAF

# Square

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



3D6400



006C87



5D4CA1



A0342E

# Rectangle

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



3D6400



006C4E



5D4CA1



9F2B65



# Sweetspot

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



3D6400



73825B



642600



39422A



C2C2C2



424242



# Same Dimension

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



3D6400



4F8200



0C6400



31332E



467300



94F200



# Inverse Universe

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



270064



330082



580064



302E33



2D0073



5E00F2



# Previews

## White Background



This preview shows how the Hex color 3D6400 looks on a white background.

## Color Contrast Check

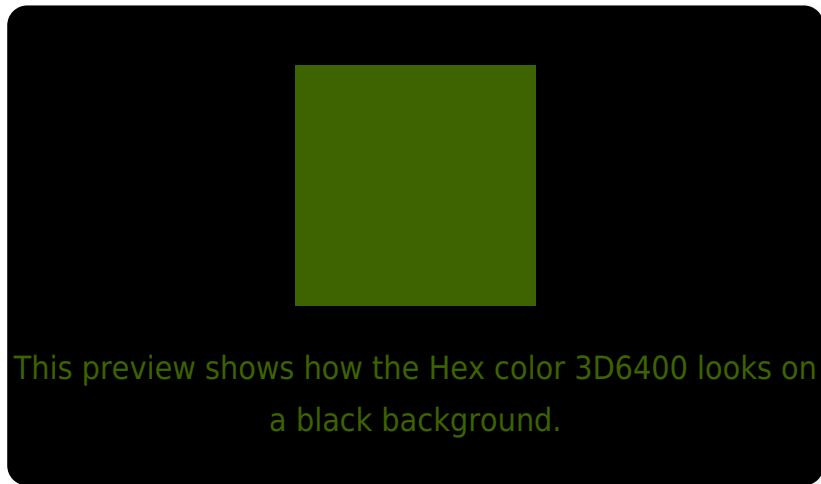
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D6400 Background



This preview shows how black text looks on a background with the Hex color 3D6400.



This preview shows how white text looks on a background with the Hex color 3D6400.

# 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**  
3D6400

**Protanopia**  
655A00

**Deuteranopia**  
715514



**Tritanopia**  
485D64

# Trichromacy



**Original Color**  
3D6400

**Protanomaly**  
565E00

**Deuteranomaly**  
5E5A0D

**Tritanomaly**  
446040

# Monochromacy



**Original Color**  
3D6400

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
475531

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D6400 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 #3D6400 looks like.

```
.text, #text, p{  
    color:#3D6400  
}
```

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 #3D6400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6400
}
```

## Border

The CSS property to change the border of an element to Hex 3D6400 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".

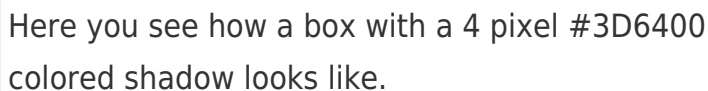
```
.border, #border, table{ border:4px solid
#3D6400 }
```

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

```
.border{ border-color:#3D6400 }
```

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

Here you see how a box with a 4 pixel #3D6400 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6400; -webkit-box-shadow:4px 4px  
4px 4px #3D6400; box-shadow:4px 4px 4px  
4px #3D6400 }
```

# Background

The CSS property to change the background color of an element to Hex 3D6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6400 }
```

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

```
.background{ background-color:#3D6400 }
```

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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