

# Converting Colors

Hex(366500)

Have a look what the booklet for  
Hex(366500) contains.

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**Color**

**Hex(366500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	366500
RGB	54, 101, 0
RGB Percent	21%, 40%, 0%
CMY	0.7882, 0.6039, 1.0000
CMYK	0.47, 0.00, 1.00, 0.60
HSL	88°, 100%, 20%
HSV	88°, 100%, 40%
XYZ	6.1750, 10.0916, 1.6224
YIQ	75.4330, 4.4090, -41.3750

# Conversions

## Conversions Part 2

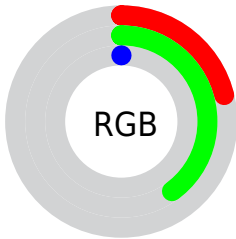
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 101, 47
Decimal	3564800
CIELab	38.01, -31.78, 43.90
CIELCh	38, 54.197, 125.904
Yxy	10.0916, 0.3452, 0.5641
Android (android.graphics.Color)	4281754880 (0xFF366500)
YUV	75.4330, -37.1885, -18.7967
Hunter-Lab	31.7673, -20.8956, 19.2091

# Details

The Hex color **366500** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2F0065**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6A9839**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **366500**, and if you desaturate by 10%, it is **3B650A**.

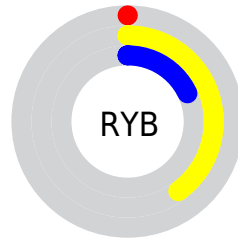
# Distribution



Red (21%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (18%)

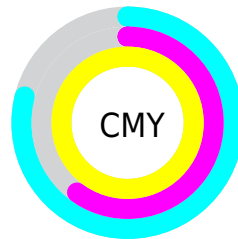


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (79%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 366500 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 366500 by changing the saturation by 10% instead.



 366500

 366500

 FFFFF6

 1C4D00

 6A9839

 003500

 85B353

 002200

 A0CF6C

 000000

 BCEB87

 D9FFA2

 F6FFBD

 FFFFD9

 366500

 3B650A

 3F6514

 44651E

 496528

 4E6533

 52653D

 576547

 5C6551

 60655B

# Harmonies

## Analogous

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



655A00



366500



006B33

# Triad

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



366500



0067AA



A62653

# Complementary

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



366500



2F0065

# 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.



94327E



366500



005CB1

# Square

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



366500



006C8C



6449A1



A03428

# Rectangle

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



366500



006C52



6449A1



A32761



# Sweetspot

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



366500



70825B



652D00



37422A



C2C2C2



424242



# Same Dimension

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



366500



468200



056500



31332E



3D7300



82F200



# Inverse Universe

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



2F0065



3D0082



600065



302E33



350073

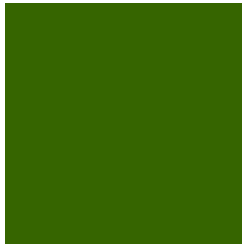


7100F2



# Previews

## White Background



This preview shows how the Hex color 366500 looks on a white background.

## Color Contrast Check

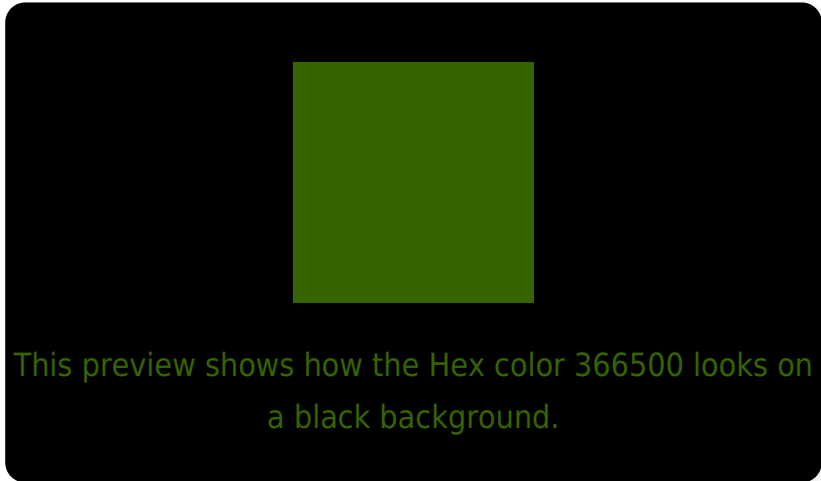
Large Text (above 18pt) WCAG AA ✓ Pass

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

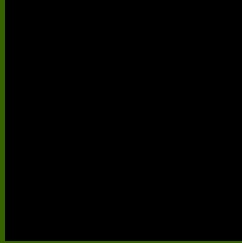
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 366500 Background



This preview shows how black text looks on a background with the Hex color 366500.



This preview shows how white text looks on a background with the Hex color 366500.

# 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**  
366500

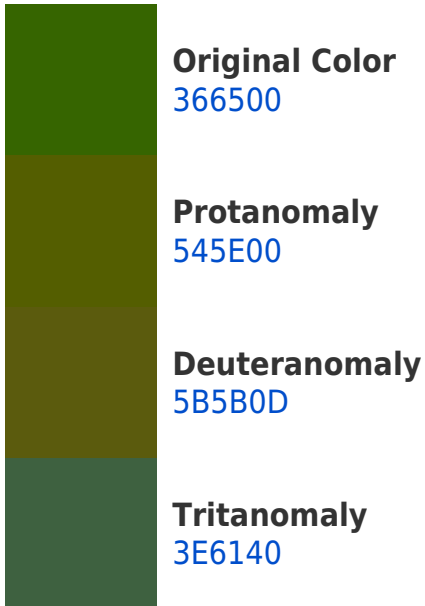
**Protanopia**  
655A00

**Deuteranopia**  
705514



**Tritanopia**  
435E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 366500 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 #366500 looks like.

```
.text, #text, p{  
    color:#366500  
}
```

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 #366500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #366500
}
```

## Border

The CSS property to change the border of an element to Hex 366500 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
#366500 }
```

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

```
.border{ border-color:#366500 }
```

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

Here you see how a box with a 4 pixel #366500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #366500; -webkit-box-shadow:4px 4px  
4px 4px #366500; box-shadow:4px 4px 4px  
4px #366500 }
```

# Background

The CSS property to change the background color of an element to Hex 366500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#366500 }
```

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

```
.background{ background-color:#366500 }
```

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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