

# Converting Colors

Hex(364A00)

Have a look what the booklet for  
Hex(364A00) contains.

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**Color**

**Hex(364A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	364A00
RGB	54, 74, 0
RGB Percent	21%, 29%, 0%
CMY	0.7882, 0.7098, 1.0000
CMYK	0.27, 0.00, 1.00, 0.71
HSL	76°, 100%, 15%
HSV	76°, 100%, 29%
XYZ	3.9701, 5.6818, 0.8875
YIQ	59.5840, 11.8340, -27.2540

# Conversions

## Conversions Part 2

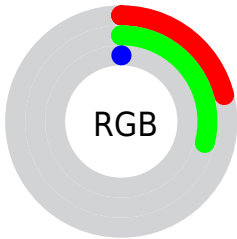
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 74, 20</a>
Decimal	<a href="#">3557888</a>
CIELab	<a href="#">28.60, -18.74, 36.61</a>
CIELCh	<a href="#">29, 41.125, 117.105</a>
Yxy	<a href="#">5.6818, 0.3767, 0.5391</a>
Android (android.graphics.Color)	<a href="#">4281747968 (0xFF364A00)</a>
YUV	<a href="#">59.5840, -29.3749, -4.8972</a>
Hunter-Lab	<a href="#">23.8366, -11.9840, 14.4782</a>

# Details

The Hex color **364A00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14004A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **687B32**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **364A00**, and if you desaturate by 10%, it is **384A07**.

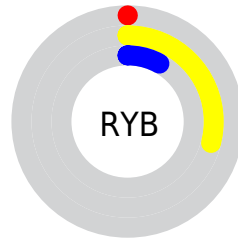
# Distribution



Red (21%)

Green (29%)

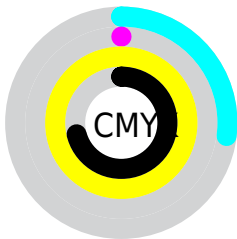
Blue (0%)



Red (0%)

Yellow (29%)

Blue (8%)

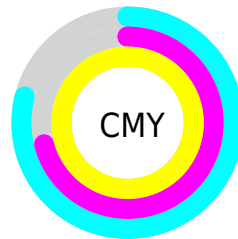


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (79%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 364A00 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 364A00 by changing the saturation by 10% instead.



 364A00

 364A00

 FFFFEB

 1F3300

 687B32

 001F00

 82954B

 000000

 9DAF63

 B8CB7D

 D4E798

 F1FFB3

 FFFFCE

 364A00

■ 384A07

■ 3A4A0F

■ 3C4A16

■ 3E4A1E

■ 404A25

■ 424A2C

■ 444A34

■ 464A3B

■ 484A43

# Harmonies

## Analogous

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



554100



364A00



004F1F

# Triad

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



364A00



004F78



792248

# Complementary

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



364A00



14004A

# 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.



662D66



364A00



004883

# Square

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



364A00



005260



3C3C7C



7A2629

# Rectangle

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



364A00



005134



3C3C7C



752452



# Sweetspot

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



364A00



596144



4A1400



2C301F



B0B0B0



303030



# Same Dimension

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



364A00



476100



114A00



252622



4A6600



A7E600



# Inverse Universe

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



14004A



1A0061



39004A



232226



1C0066



3E00E6



# Previews

## White Background



This preview shows how the Hex color 364A00 looks on a white background.

## Color Contrast Check

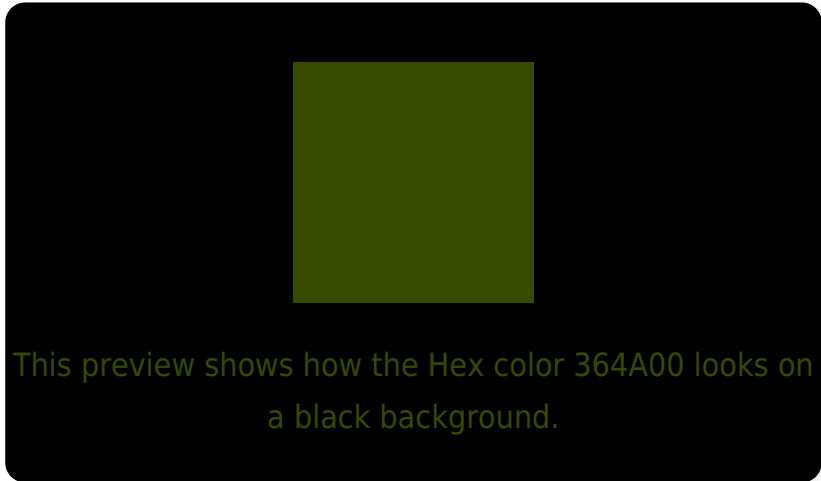
Large Text (above 18pt) WCAG AA ✓ Pass

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

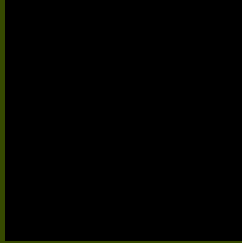
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 364A00 Background



This preview shows how black text looks on a background with the Hex color 364A00.



This preview shows how white text looks on a background with the Hex color 364A00.

# 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**  
364A00

**Protanopia**  
4C4400

**Deuteranopia**  
55400E



**Tritanopia**  
3D454A

# Trichromacy



**Original Color**  
364A00

**Protanomaly**  
444600

**Deuteranomaly**  
4A4409

**Tritanomaly**  
3A472F

# Monochromacy



**Original Color**  
364A00

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3A4126

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 364A00 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 #364A00 looks like.

```
.text, #text, p{  
    color:#364A00  
}
```

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 #364A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #364A00
}
```

## Border

The CSS property to change the border of an element to Hex 364A00 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
#364A00 }
```

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

```
.border{ border-color:#364A00 }
```

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

Here you see how a box with a 4 pixel #364A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #364A00; -webkit-box-shadow:4px 4px  
4px 4px #364A00; box-shadow:4px 4px 4px  
4px #364A00 }
```

# Background

The CSS property to change the background color of an element to Hex 364A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#364A00 }
```

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

```
.background{ background-color:#364A00 }
```

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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