

# Converting Colors

Hex(264300)

Have a look what the booklet for  
Hex(264300) contains.

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# Color

**Hex(264300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	264300
RGB	38, 67, 0
RGB Percent	15%, 26%, 0%
CMY	0.8510, 0.7373, 1.0000
CMYK	0.43, 0.00, 1.00, 0.74
HSL	86°, 100%, 13%
HSV	86°, 100%, 26%
XYZ	2.8065, 4.4264, 0.7065
YIQ	50.6910, 4.2230, -26.9850

# Conversions

## Conversions Part 2

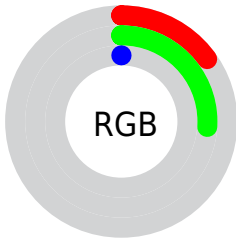
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 29
Decimal	2507520
CIELab	25.03, -22.33, 33.06
CIELCh	25, 39.891, 124.037
Yxy	4.4264, 0.3535, 0.5575
Android (android.graphics.Color)	4280697600 (0xFF264300)
YUV	50.6910, -24.9907, -11.1300
Hunter-Lab	21.0390, -13.0072, 12.7364

# Details

The Hex color **264300** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1D0043**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **577331**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **264300**, and if you desaturate by 10%, it is **294307**.

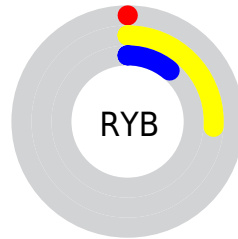
# Distribution



Red (15%)

Green (26%)

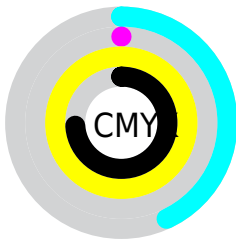
Blue (0%)



Red (0%)

Yellow (26%)

Blue (11%)

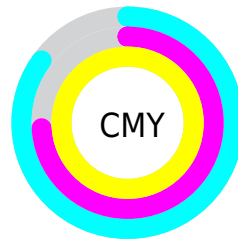


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (85%)

Magenta (74%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 264300 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 264300 by changing the saturation by 10% instead.



 264300

 264300

 FFFFE8

 0F2D00

 577331

 001A00

 708D48

 000000

 8AA761

 A5C37B

 C1DF95

 DDFBB0

 FAFFCB

 264300

■ 294307

■ 2C430D

■ 2F4314

■ 32431B

■ 354322

■ 374328

■ 3A432F

■ 3D4336

■ 40433C

# Harmonies

## Analogous

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



463B00



264300



00471F

# Triad

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



264300



004572



701939

# Complementary

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



264300



1D0043

# 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.



622256



264300



003E78

# Square

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



264300



00485C



40316E



6D211B

# Rectangle

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



264300



004834



40316E



6D1A43



# Sweetspot

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



264300



4B573D



431C00



252B1C



ABABAB



2B2B2B



# Same Dimension

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



264300



315700



064300



20211E



376100



7FE000



# Inverse Universe

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



1D0043



260057



3D0043



1F1E21



2A0061



6100E0



# Previews

## White Background



This preview shows how the Hex color 264300 looks on a white background.

## Color Contrast Check

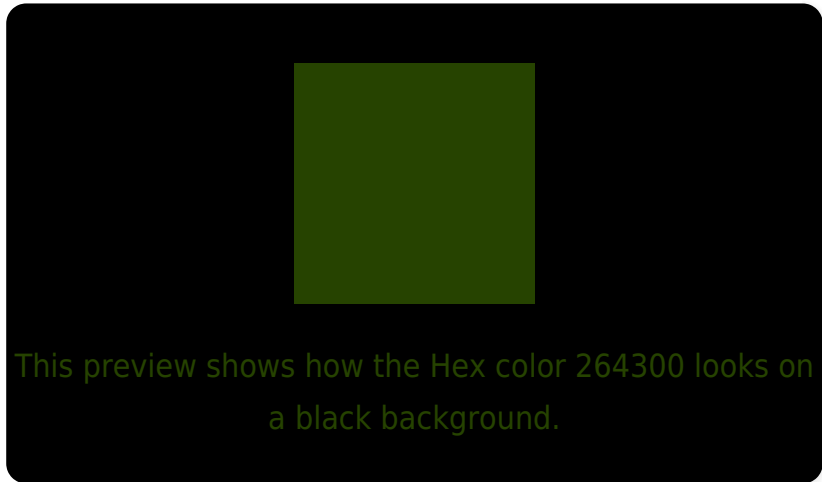
Large Text (above 18pt) WCAG AA ✓ Pass

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

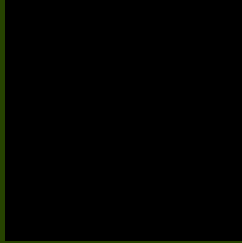
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 264300 Background



This preview shows how black text looks on a background with the Hex color 264300.



This preview shows how white text looks on a background with the Hex color 264300.

# 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](#).

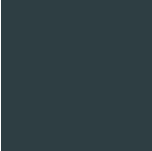
## Dichromacy



**Original Color**  
264300

**Protanopia**  
433C00

**Deuteranopia**  
4B380D



**Tritanopia**  
2E3E43

# Trichromacy



**Original Color**  
264300

**Protanomaly**  
383F00

**Deuteranomaly**  
3E3C08

**Tritanomaly**  
2B402B

# Monochromacy



**Original Color**  
264300

**Achromatopsia**  
333333

**Achromatomaly**  
2E3920

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 264300 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 #264300 looks like.

```
.text, #text, p{  
    color:#264300  
}
```

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 #264300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264300
}
```

## Border

The CSS property to change the border of an element to Hex 264300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

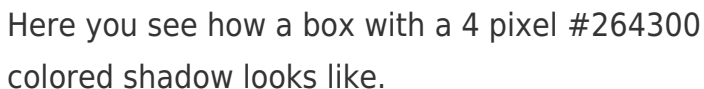
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#264300 }
```

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

```
.border{ border-color:#264300 }
```

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



Here you see how a box with a 4 pixel #264300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264300; -webkit-box-shadow:4px 4px  
4px 4px #264300; box-shadow:4px 4px 4px  
4px #264300 }
```

# Background

The CSS property to change the background color of an element to Hex 264300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264300 }
```

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

```
.background{ background-color:#264300 }
```

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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