

# Converting Colors

Hex(2C3006)

Have a look what the booklet for  
Hex(2C3006) contains.

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**Color**

**Hex(2C3006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C3006
RGB	44, 48, 6
RGB Percent	17%, 19%, 2%
CMY	0.8275, 0.8118, 0.9765
CMYK	0.08, 0.00, 0.87, 0.81
HSL	66°, 78%, 11%
HSV	66°, 88%, 19%
XYZ	2.1285, 2.6625, 0.5740
YIQ	42.0160, 11.0980, -13.9100

# Conversions

## Conversions Part 2

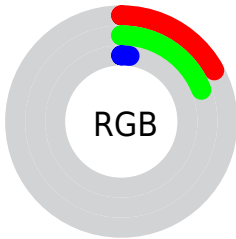
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 48, 10
Decimal	2895878
CIELab	18.64, -8.37, 23.92
CIELCh	19, 25.346, 109.279
Yxy	2.6625, 0.3967, 0.4963
Android (android.graphics.Color)	4281085958 (0xFF2C3006)
YUV	42.0160, -17.7559, 1.7400
Hunter-Lab	16.3172, -5.2705, 9.3363

# Details

The Hex color **2C3006** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0630**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5B5E33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C3001**, and if you desaturate by 10%, it is **2C300B**.

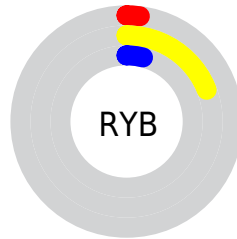
# Distribution



Red (17%)

Green (19%)

Blue (2%)



Red (2%)

Yellow (19%)

Blue (4%)

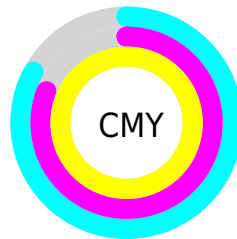


Cyan (8%)

Magenta (0%)

Yellow (87%)

Black (81%)



Cyan (83%)

Magenta (81%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C3006 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 2C3006 by changing the saturation by 10% instead.



 2C3006

 2C3006

 FFFFE9

 161B00

 5B5E33

 000000

 74774B

 8E9063

 A9AB7C

 C4C696

 E0E2B1

 FDFFC

 2C3006

 2C3006

■ 2C3001

■ 2C300B

■ 2B3000

■ 2D3010

■ 2D3014

■ 2E3019

■ 2E301E

■ 2F3023

■ 2F3028

■ 30302C

■ 303031

# Harmonies

## Analogous

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



3D2A05



2C3006



163414

# Triad

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



2C3006



003549



4B1D35

# Complementary

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



2C3006



0A0630

# 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.



3D2346



2C3006



003151

# Square

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



2C3006



003639



222B50



4F1D22

# Rectangle

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



2C3006



003520



222B50



481F3B



# Sweetspot

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



2C3006



3C3D2D



300A06



1E1F15



9E9E9E



1F1F1F



# Same Dimension

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



2C3006



373D00



173006



171715



4E5700



C2D600



# Inverse Universe

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



0A0630



06003D



1E0630



151517



080057

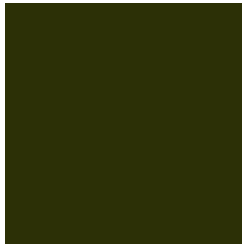


1400D6



# Previews

## White Background



This preview shows how the Hex color 2C3006 looks on a white background.

## Color Contrast Check

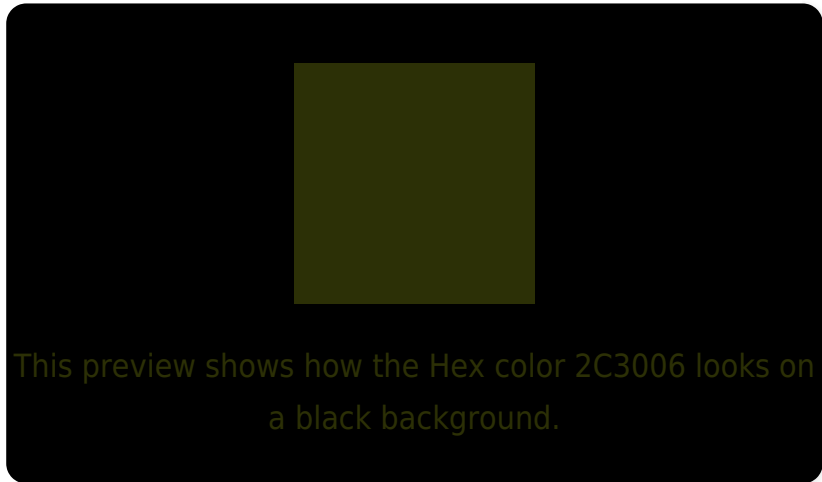
Large Text (above 18pt) WCAG AA ✓ Pass

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

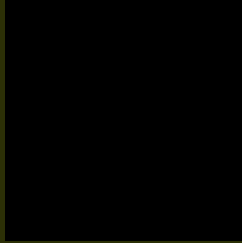
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C3006 Background



This preview shows how black text looks on a background with the Hex color 2C3006.



This preview shows how white text looks on a background with the Hex color 2C3006.

# 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**  
2C3006

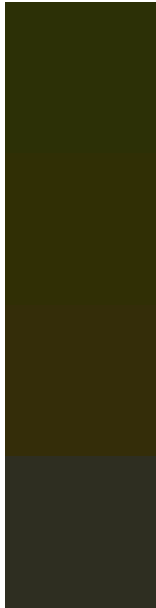
**Protanopia**  
332E05

**Deuteranopia**  
392B0A



**Tritanopia**  
2F2D30

# Trichromacy



**Original Color**  
2C3006

**Protanomaly**  
302F05

**Deuteranomaly**  
342D09

**Tritanomaly**  
2E2E21

# Monochromacy



**Original Color**  
2C3006

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
2B2C1D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C3006 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 #2C3006 looks like.

```
.text, #text, p{  
    color:#2C3006  
}
```

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 #2C3006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3006
}
```

## Border

The CSS property to change the border of an element to Hex 2C3006 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
#2C3006 }
```

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

```
.border{ border-color:#2C3006 }
```

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

Here you see how a box with a 4 pixel #2C3006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3006; -webkit-box-shadow:4px 4px  
4px 4px #2C3006; box-shadow:4px 4px 4px  
4px #2C3006 }
```

# Background

The CSS property to change the background color of an element to Hex 2C3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3006 }
```

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

```
.background{ background-color:#2C3006 }
```

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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