

Converting Colors

Hex(284205)

Have a look what the booklet for
Hex(284205) contains.

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Color

Hex(284205)

Conversions

Conversions Part 1

Format	Color
Hex	284205
RGB	40, 66, 5
RGB Percent	16%, 26%, 2%
CMY	0.8431, 0.7412, 0.9804
CMYK	0.39, 0.00, 0.92, 0.74
HSL	86°, 86%, 14%
HSV	86°, 92%, 26%
XYZ	2.8507, 4.3585, 0.8346
YIQ	51.2720, 4.0850, -24.4830

Conversions

Conversions Part 2

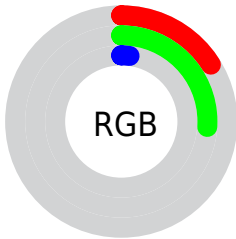
Format	Color
RYB	5, 66, 31
Decimal	2638341
CIELab	24.82, -20.61, 30.86
CIELCh	25, 37.111, 123.740
Yxy	4.3585, 0.3544, 0.5418
Android (android.graphics.Color)	4280828421 (0xFF284205)
YUV	51.2720, -22.8121, -9.8855
Hunter-Lab	20.8770, -12.1613, 12.2437

Details

The Hex color **284205** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1F0542**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **587234**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **264200**, and if you desaturate by 10%, it is **2B420C**.

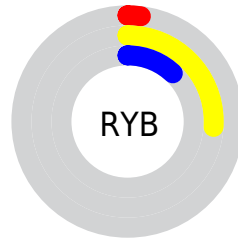
Distribution



Red (16%)

Green (26%)

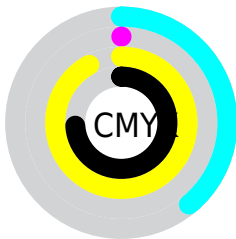
Blue (2%)



Red (2%)

Yellow (26%)

Blue (12%)

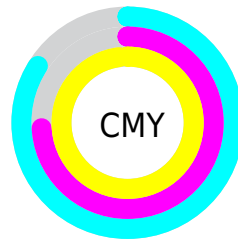


Cyan (39%)

Magenta (0%)

Yellow (92%)

Black (74%)



Cyan (84%)

Magenta (74%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284205 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 284205 by changing the saturation by 10% instead.

 284205

 284205

 FFFFEC

 122C00

 587234

 001900

 728C4C

 000000

 8CA665

 A7C17E

 C2DD99

 DEFAB4

 FBFFCF

 284205

 284205

■ 264200

■ 2B420C

■ 2E4212

■ 304219

■ 33421F

■ 364226

■ 39422D

■ 3C4233

■ 3F423A

■ 414240

Harmonies

Analogous

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



453B00



284205



004621

Triad

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



284205



00446D



6C1D39

Complementary

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



284205



1F0542

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.



5F2454



284205



003D73

Square

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



284205



004759



3F326A



69241D

Rectangle

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



284205



004734



3F326A



691E42

Sweetspot

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



284205



4C573E



421E05



252B1D



ABABAB



2B2B2B

Same Dimension

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



284205



325700



0A4205



20211E



386100



81E000

Inverse Universe

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



1F0542



250057



3D0542



1F1E21



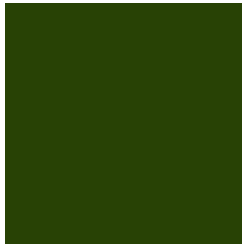
290061



6000E0

Previews

White Background



This preview shows how the Hex color 284205 looks on a white background.

Color Contrast Check

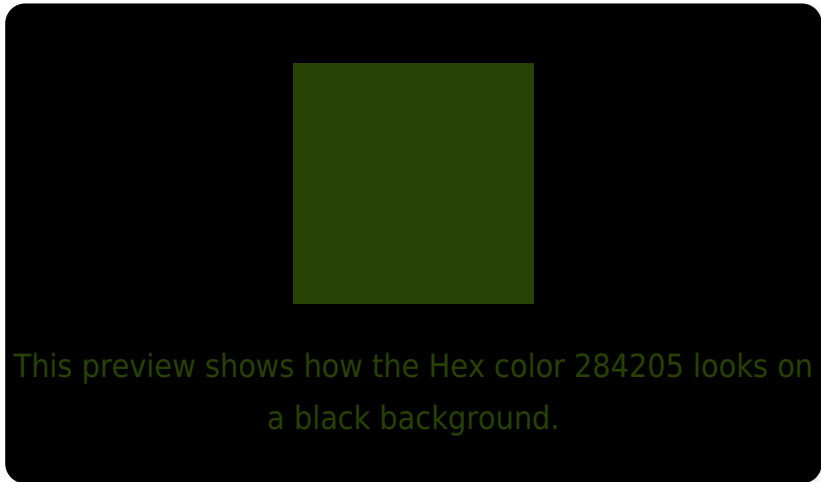
Large Text (above 18pt) WCAG AA ✓ Pass

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

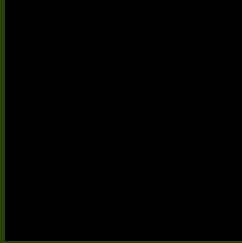
Any Text WCAG AA × Fail

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 284205 Background



This preview shows how black text looks on a background with the Hex color 284205.



This preview shows how white text looks on a background with the Hex color 284205.

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
284205

Protanopia
433B00

Deuteranopia
4A380E



Tritanopia
2F3D42

Trichromacy



Original Color
284205

Protanomaly
393E02

Deuteranomaly
3E3C0B

Tritanomaly
2C3F2C

Monochromacy



Original Color
284205

Achromatopsia
333333

Achromatomaly
2F3822

CSS Examples

Text

The CSS property to change the color of the text to Hex 284205 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 #284205 looks like.

```
.text, #text, p{  
    color:#284205  
}
```

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 #284205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284205
}
```

Border

The CSS property to change the border of an element to Hex 284205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

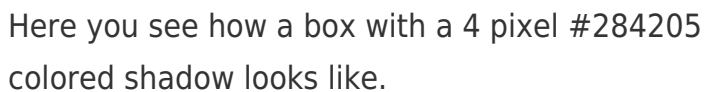
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#284205 }
```

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

```
.border{ border-color:#284205 }
```

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



Here you see how a box with a 4 pixel #284205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284205; -webkit-box-shadow:4px 4px  
4px 4px #284205; box-shadow:4px 4px 4px  
4px #284205 }
```

Background

The CSS property to change the background color of an element to Hex 284205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284205 }
```

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

```
.background{ background-color:#284205 }
```

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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