

Converting Colors

Hex(283200)

Have a look what the booklet for
Hex(283200) contains.

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Color

Hex(283200)

Conversions

Conversions Part 1

Format	Color
Hex	283200
RGB	40, 50, 0
RGB Percent	16%, 20%, 0%
CMY	0.8431, 0.8039, 1.0000
CMYK	0.20, 0.00, 1.00, 0.80
HSL	72°, 100%, 10%
HSV	72°, 100%, 20%
XYZ	2.0157, 2.7323, 0.4212
YIQ	41.3100, 10.0900, -17.6700

Conversions

Conversions Part 2

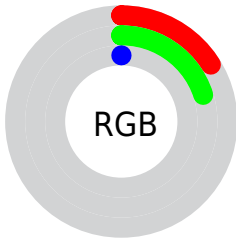
Format	Color
RYB	0, 50, 10
Decimal	2634240
CIELab	18.94, -12.20, 26.63
CIELCh	19, 29.289, 114.612
Yxy	2.7323, 0.3899, 0.5286
Android (android.graphics.Color)	4280824320 (0xFF283200)
YUV	41.3100, -20.3658, -1.1489
Hunter-Lab	16.5297, -7.1603, 10.0602

Details

The Hex color **283200** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0032**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **57602F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **283200**, and if you desaturate by 10%, it is **293205**.

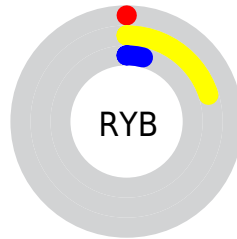
Distribution



Red (16%)

Green (20%)

Blue (0%)



Red (0%)

Yellow (20%)

Blue (4%)

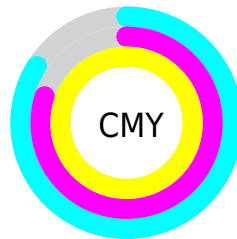


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (84%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 283200 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 283200 by changing the saturation by 10% instead.

 283200

 283200

 FFFFE4

 111D00

 57602F

 000000

 707946

 8A935E

 A4AD78

 C0C991

 DCE5AC

 F8FFC8

 283200

■ 293205

■ 2A320A

■ 2B320F

■ 2C3214

■ 2D3219

■ 2E321E

■ 2F3223

■ 303228

■ 31322D

Harmonies

Analogous

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



3C2C00



283200



093614

Triad

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



283200



003650



521933

Complementary

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



283200



0A0032

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.



442047



283200



003258

Square

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



283200



00383F



262A55



541B1E

Rectangle

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



283200



003722



262A55



4F1B3A

Sweetspot

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



283200



3C402D



320A00



1F2115



A1A1A1



212121

Same Dimension

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



283200



334000



0F3200



191A17



475900



ADD900

Inverse Universe

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



0A0032



0D0040



230032



17171A



120059



2B00D9

Previews

White Background



This preview shows how the Hex color 283200 looks on a white background.

Color Contrast Check

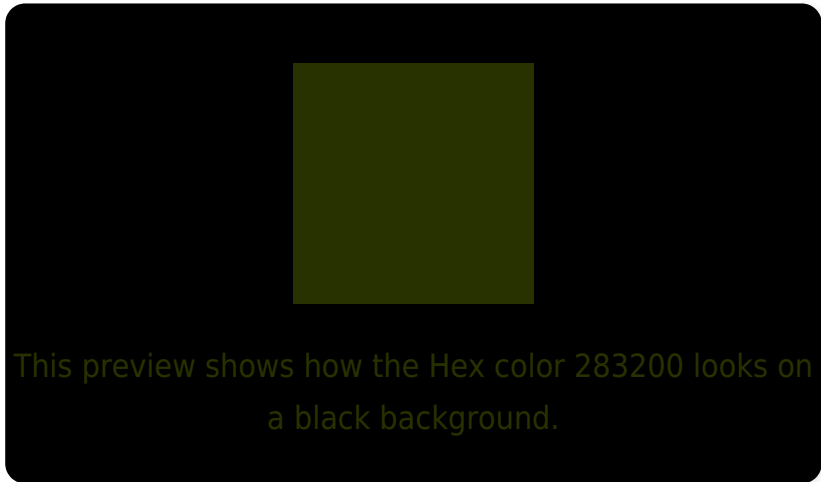
Large Text (above 18pt) WCAG AA ✓ Pass

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

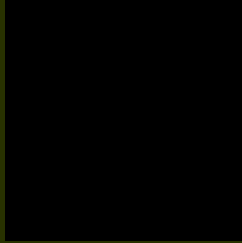
Any Text WCAG AA × Fail

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 283200 Background



This preview shows how black text looks on a background with the Hex color 283200.



This preview shows how white text looks on a background with the Hex color 283200.

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
283200

Protanopia
342E00

Deuteranopia
3A2C09

Trichromacy



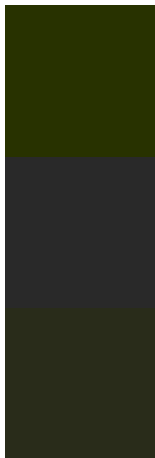
Original Color
283200

Protanomaly
302F00

Deuteranomaly
332E06

Tritanomaly
2B2F20

Monochromacy



Original Color
283200

Achromatopsia
292929

Achromatomaly
292C1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 283200 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 #283200 looks like.

```
.text, #text, p{  
    color:#283200  
}
```

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 #283200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283200
}
```

Border

The CSS property to change the border of an element to Hex 283200 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".

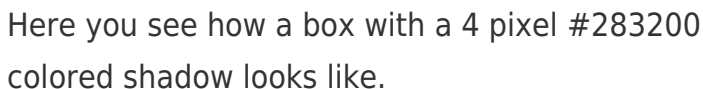
```
.border, #border, table{ border:4px solid
#283200 }
```

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

```
.border{ border-color:#283200 }
```

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

Here you see how a box with a 4 pixel #283200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283200; -webkit-box-shadow:4px 4px  
4px 4px #283200; box-shadow:4px 4px 4px  
4px #283200 }
```

Background

The CSS property to change the background color of an element to Hex 283200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283200 }
```

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

```
.background{ background-color:#283200 }
```

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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