

Converting Colors

Hex(283320)

Have a look what the booklet for
Hex(283320) contains.

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Color

Hex(283320)

Conversions

Conversions Part 1

Format	Color
Hex	283320
RGB	40, 51, 32
RGB Percent	16%, 20%, 13%
CMY	0.8431, 0.8000, 0.8745
CMYK	0.22, 0.00, 0.37, 0.80
HSL	95°, 23%, 16%
HSV	95°, 37%, 20%
XYZ	2.3196, 2.9231, 1.8084
YIQ	45.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

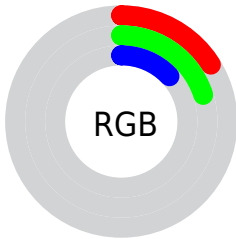
Format	Color
RYB	32, 51, 43
Decimal	2634528
CIELab	19.73, -8.99, 10.58
CIElCh	20, 13.884, 130.355
Yxy	2.9231, 0.3290, 0.4146
Android (android.graphics.Color)	4280824608 (0xFF283320)
YUV	45.5450, -6.6777, -4.8630
Hunter-Lab	17.0969, -5.7018, 5.6964

Details

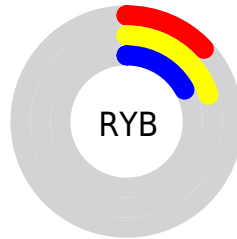
The Hex color **283320** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2033**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **55614C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25331B**, and if you desaturate by 10%, it is **2B3325**.

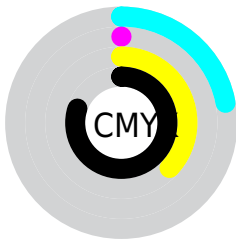
Distribution



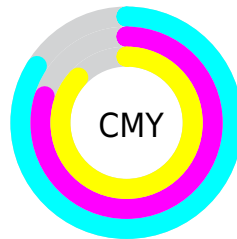
- Red (16%)
- Green (20%)
- Blue (13%)



- Red (13%)
- Yellow (20%)
- Blue (17%)



- Cyan (22%)
- Magenta (0%)
- Yellow (37%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283320 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 283320 by changing the saturation by 10% instead.

■ 283320

■ 283320

FFFFFF

■ 141E09

■ 55614C

■ 000000

■ 6E7A64

■ 87947D

■ A2AF97

■ BDCAB2

■ D8E6CD

■ F5FFE9

■ 283320

■ 283320

■ 25331B

■ 2B3325

■ 223316

■ 2E332A

■ 1F3311

■ 31332F

■ 1C330C

■ 343334

■ 193306

■ 37333A

■ 163301

■ 3A333F

■ 153300

■ 3D3344

■ 403349

■ 43334E

Harmonies

Analogous

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



33301C



283320



1C3529

Triad

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



283320



183343



44282D

Complementary

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



283320



2B2033

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.



3F2937



283320



273044

Square

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



283320



0D353C



362C3F



422A23

Rectangle

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



283320



14352F



362C3F



432830

Sweetspot

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



283320



3E423B



332B20



1F211D



A1A1A1



212121

Same Dimension

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



283320



314224



203321



181A17



265900



5BD900

Inverse Universe

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



2B2033



362442



332032



18171A



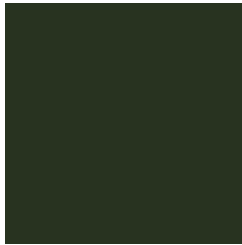
340059



7D00D9

Previews

White Background



This preview shows how the Hex color 283320 looks on a white background.

Color Contrast Check

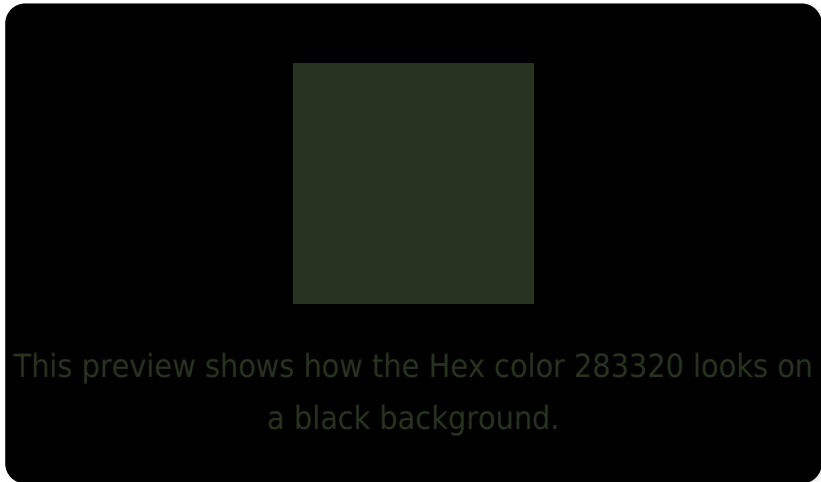
Large Text (above 18pt) WCAG AA ✓ Pass

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

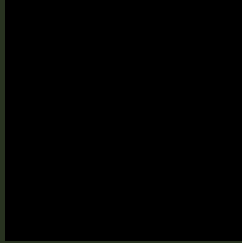
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

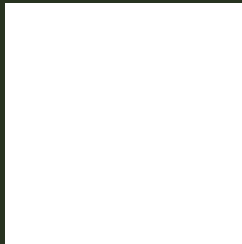
Any Text WCAG AAA × Fail

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

Hex 283320 Background



This preview shows how black text looks on a background with the Hex color 283320.



This preview shows how white text looks on a background with the Hex color 283320.

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](#).

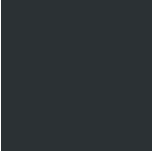
Dichromacy



Original Color
283320

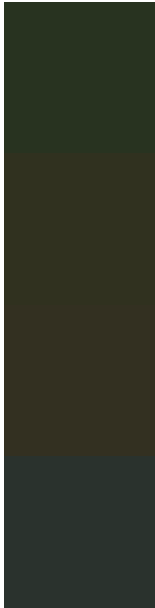
Protanopia
34301F

Deuteranopia
392E21



Tritanopia
2B3134

Trichromacy



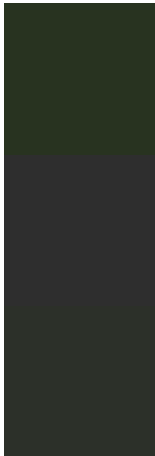
Original Color
283320

Protanomaly
30311F

Deuteranomaly
333021

Tritanomaly
2A322D

Monochromacy



Original Color
283320

Achromatopsia
2E2E2E

Achromatomaly
2C3029

CSS Examples

Text

The CSS property to change the color of the text to Hex 283320 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 #283320 looks like.

```
.text, #text, p{  
    color:#283320  
}
```

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 #283320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283320
}
```

Border

The CSS property to change the border of an element to Hex 283320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

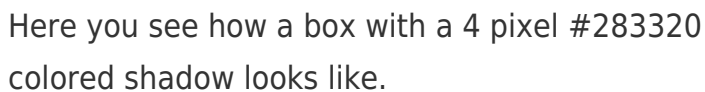
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283320 }
```

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

```
.border{ border-color:#283320 }
```

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



Here you see how a box with a 4 pixel #283320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283320; -webkit-box-shadow:4px 4px  
4px 4px #283320; box-shadow:4px 4px 4px  
4px #283320 }
```

Background

The CSS property to change the background color of an element to Hex 283320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283320 }
```

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

```
.background{ background-color:#283320 }
```

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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