

Converting Colors

Hex(283434)

Have a look what the booklet for
Hex(283434) contains.

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Color

Hex(283434)

Conversions

Conversions Part 1

Format	Color
Hex	283434
RGB	40, 52, 52
RGB Percent	16%, 20%, 20%
CMY	0.8431, 0.7961, 0.7961
CMYK	0.23, 0.00, 0.00, 0.80
HSL	180°, 13%, 18%
HSV	180°, 23%, 20%
XYZ	2.7229, 3.1550, 3.7143
YIQ	48.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

Format	Color
R_{YB}	40, 46, 52
Decimal	2634804
CIE Lab	20.65, -5.00, -1.67
CIE LCh	21, 5.272, 198.428
Yxy	3.1550, 0.2839, 0.3289
Android (android.graphics.Color)	4280824884 (0xFF283434)
YUV	48.4120, 1.7689, -7.3773
Hunter-Lab	17.7624, -3.7210, 0.0356

Details

The Hex color **283434** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **342828**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **556262**, and **000506** is the 20% darker color. If you saturate the color by 10%, you get **233434**, and if you desaturate by 10%, it is **2D3434**.

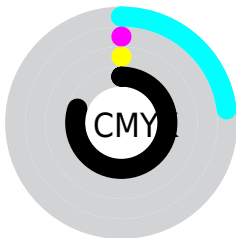
Distribution



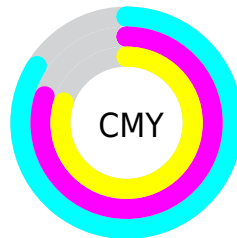
- Red (16%)
- Green (20%)
- Blue (20%)



- Red (16%)
- Yellow (18%)
- Blue (20%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 283434 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 283434 by changing the saturation by 10% instead.

■ 283434

■ 283434

FFFFFF

■ 131F1F

■ 556262

■ 000506

■ 6E7B7B

■ 000000

■ 879595

■ A1B0B0

■ BCCBCB

■ D8E7E7

■ F5FFFF

■ 283434

■ 283434

■ 233434

■ 2D3434

■ 1E3434

■ 323434

■ 183434

■ 383434

■ 133434

■ 3D3434

■ 0E3434

■ 423434

■ 093434

■ 473434

■ 043434

■ 4C3434

■ 003434

■ 523434

■ 573434

Harmonies

Analogous

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



2A3430



283434



293437

Triad

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



283434



353037



36312A

Complementary

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



283434



342828

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.



39302C



283434



392F33

Square

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



283434



313139



3A2F2F



32322A

Rectangle

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



283434



2B3339



3A2F2F



37312B

Sweetspot

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



283434



404545



283428



212424



A3A3A3



242424

Same Dimension

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



283434



324545



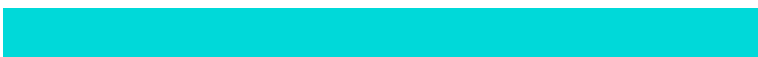
282E34



171A1A



005959



00D9D9

Inverse Universe

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



342834



453245



342E28



1A171A



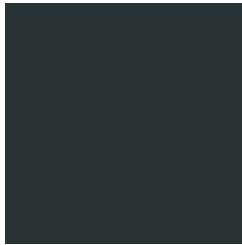
590059



D900D9

Previews

White Background



This preview shows how the Hex color 283434 looks on a white background.

Color Contrast Check

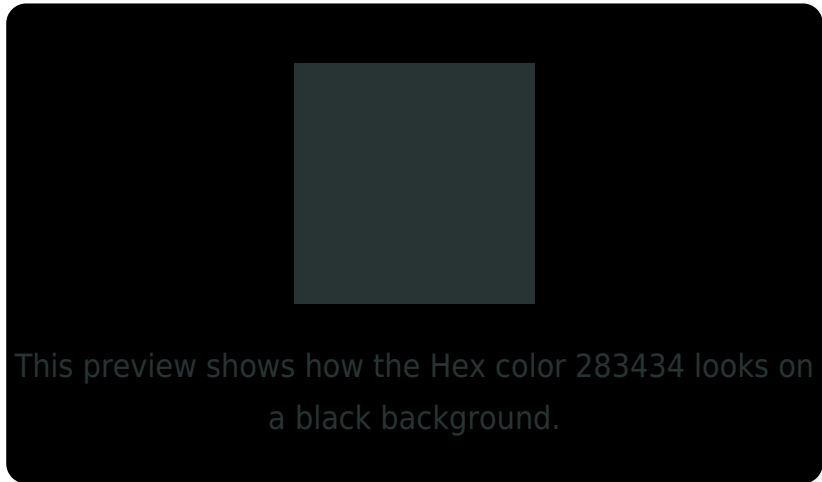
Large Text (above 18pt) WCAG AA ✓ Pass

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

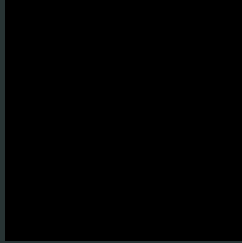
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

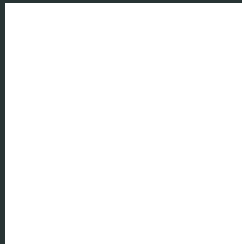
Any Text WCAG AAA × Fail

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

Hex 283434 Background



This preview shows how black text looks on a background with the Hex color 283434.



This preview shows how white text looks on a background with the Hex color 283434.

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
283434

Protanopia
323132

Deuteranopia
353035



Tritanopia
293338

Trichromacy



Original Color

283434

Protanomaly

2E3233

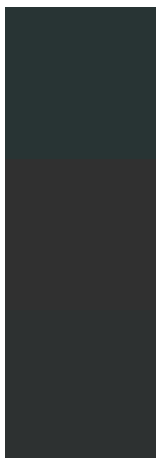
Deuteranomaly

303135

Tritanomaly

293337

Monochromacy



Original Color

283434

Achromatopsia

303030

Achromatomaly

2D3131

CSS Examples

Text

The CSS property to change the color of the text to Hex 283434 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 #283434 looks like.

```
.text, #text, p{  
    color:#283434  
}
```

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 #283434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283434
}
```

Border

The CSS property to change the border of an element to Hex 283434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

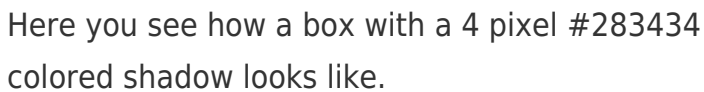
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283434 }
```

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

```
.border{ border-color:#283434 }
```

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



Here you see how a box with a 4 pixel #283434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283434; -webkit-box-shadow:4px 4px  
4px 4px #283434; box-shadow:4px 4px 4px  
4px #283434 }
```

Background

The CSS property to change the background color of an element to Hex 283434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283434 }
```

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

```
.background{ background-color:#283434 }
```

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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