

Converting Colors

Hex(283D76)

Have a look what the booklet for
Hex(283D76) contains.

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Color

Hex(283D76)

Conversions

Conversions Part 1	
Format	Color
Hex	283D76
RGB	40, 61, 118
RGB Percent	16%, 24%, 46%
CMY	0.8431, 0.7608, 0.5373
CMYK	0.66, 0.48, 0.00, 0.54
HSL	224°, 49%, 31%
HSV	224°, 66%, 46%
XYZ	5.8138, 5.0966, 17.8169
YIQ	61.2190, -30.8130, 13.2750

Conversions

Conversions Part 2

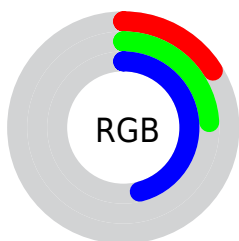
Format	Color
RYB	40, 57, 118
Decimal	2637174
CIELab	27.01, 11.62, -35.24
CIELCh	27, 37.108, 288.257
Yxy	5.0966, 0.2024, 0.1774
Android (android.graphics.Color)	4280827254 (0xFF283D76)
YUV	61.2190, 27.9930, -18.6091
Hunter-Lab	22.5757, 6.4610, -30.9891

Details

The Hex color **283D76** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **766128**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5E6CAB**, and **001445** is the 20% darker color. If you saturate the color by 10%, you get **1C3476**, and if you desaturate by 10%, it is **344676**.

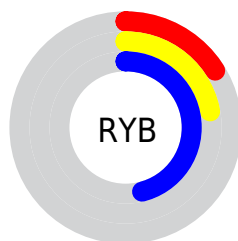
Distribution



Red (16%)

Green (24%)

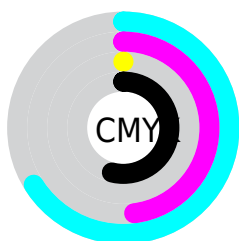
Blue (46%)



Red (16%)

Yellow (22%)

Blue (46%)

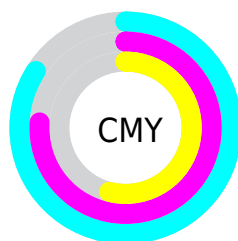


Cyan (66%)

Magenta (48%)

Yellow (0%)

Black (54%)



Cyan (84%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283D76 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 283D76 by changing the saturation by 10% instead.

 283D76

 283D76

FFFFFF

 04285D

 5E6CAB

 001445

 7885C6

 00042E

 939FE2

 000119

 AFBAFF

 000000

 CBD6FF

 E8F2FF

 283D76

 283D76

 1C3476

 344676

 102C76

 404E76

 052376

 4B5776

 002076

 575F76

 636876

 6F7176

 7B7976

 868276

 928B76

Harmonies

Analogous

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



004677



283D76



573066

Triad

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



283D76



6A2E16



004C33

Complementary

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



283D76



766128

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.



1A4917



283D76



573A01

Square

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



283D76



722430



3D4401



004D51

Rectangle

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



283D76



682855



3D4401



004C2A

Sweetspot

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



283D76



7A8399



287660



3A3F4D



CCCCCC



4D4D4D

Same Dimension

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



283D76



204199



392876



35363B



00217A



0043FA

Inverse Universe

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



76283D



992041



657628



3B3536



7A0021



FA0043

Previews

White Background



This preview shows how the Hex color 283D76 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



This preview shows how the Hex color 283D76 looks on a 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 283D76 Background



This preview shows how black text looks on a background with the Hex color 283D76.



This preview shows how white text looks on a background with the Hex color 283D76.

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
283D76

Protanopia
223E77

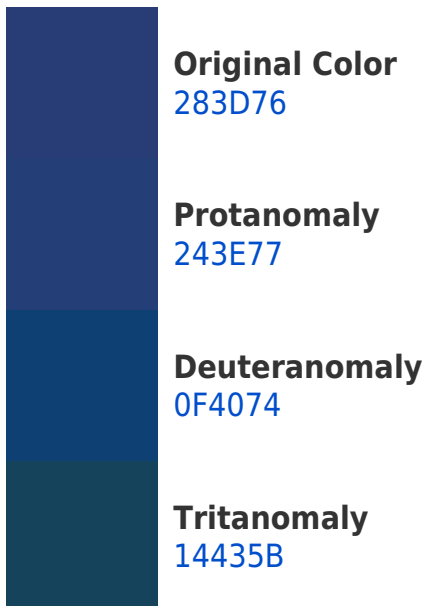
Deuteranopia
004173



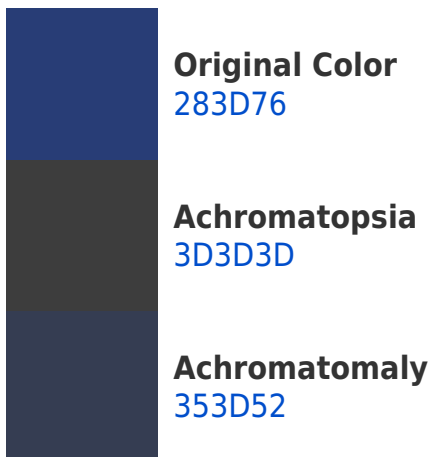
Tritanopia

08474C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 283D76 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 #283D76 looks like.

```
.text, #text, p{  
    color:#283D76  
}
```

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 #283D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283D76
}
```

Border

The CSS property to change the border of an element to Hex 283D76 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
#283D76 }
```

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

```
.border{ border-color:#283D76 }
```

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

Here you see how a box with a 4 pixel #283D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283D76; -webkit-box-shadow:4px 4px  
4px 4px #283D76; box-shadow:4px 4px 4px  
4px #283D76 }
```

Background

The CSS property to change the background color of an element to Hex 283D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283D76 }
```

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

```
.background{ background-color:#283D76 }
```

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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