

Converting Colors

Hex(283EA5)

Have a look what the booklet for
Hex(283EA5) contains.

Hex(283EA5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(283EA5)

Conversions

Conversions Part 1

Format	Color
Hex	283EA5
RGB	40, 62, 165
RGB Percent	16%, 24%, 65%
CMY	0.8431, 0.7569, 0.3529
CMYK	0.76, 0.62, 0.00, 0.35
HSL	229°, 61%, 40%
HSV	229°, 76%, 65%
XYZ	9.3892, 6.6130, 36.3789
YIQ	67.1640, -46.1750, 27.3690

Conversions

Conversions Part 2

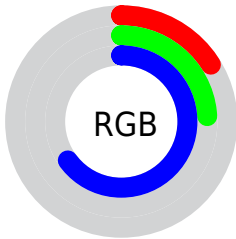
Format	Color
R_{YB}	40, 59, 165
Decimal	2637477
CIE _{Lab}	30.91, 28.94, -57.90
CIE _{LCh}	31, 64.732, 296.557
Yxy	6.6130, 0.1792, 0.1262
Android (android.graphics.Color)	4280827557 (0xFF283EA5)
YUV	67.1640, 48.2331, -23.8228
Hunter-Lab	25.7157, 20.1708, -65.8739

Details

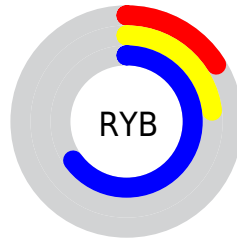
The Hex color **283EA5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A58F28**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **686DDD**, and **001570** is the 20% darker color. If you saturate the color by 10%, you get **1830A5**, and if you desaturate by 10%, it is **394CA5**.

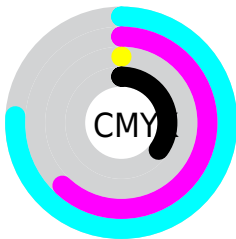
Distribution



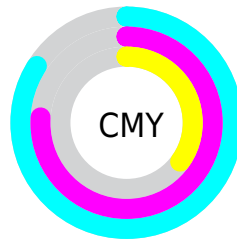
- Red (16%)
- Green (24%)
- Blue (65%)



- Red (16%)
- Yellow (23%)
- Blue (65%)



- Cyan (76%)
- Magenta (62%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (76%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283EA5 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 283EA5 by changing the saturation by 10% instead.

■ 283EA5

■ 283EA5

FFFFFF

■ 00288A

■ 686DDD

■ 001570

■ 8687FA

■ 000057

■ A3A1FF

■ 00063F

■ C0BCFF

■ 000328

■ DED8FF

■ 000111

■ FCF4FF

■ 000000

■ 283EA5

■ 283EA5

■ 1830A5

■ 394CA5

0723A5

4959A5

001DA5

5A67A5

6A74A5

7A82A5

8B90A5

9B9DA5

ACABA5

BDB8A5

Harmonies

Analogous

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



0052B0



283EA5



7D1882

Triad

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



283EA5



842C00



005C41

Complementary

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



283EA5



A58F28

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.



005904



283EA5



5F4500

Square

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



283EA5



9A0020



2D5300



005D75

Rectangle

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



283EA5



940062



2D5300



005B2F

Sweetspot

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



283EA5



A5AED6



28A58E



4D526B



EBEBEB



6B6B6B

Same Dimension

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



283EA5



1336D6



5028A5



494B52



001A91



000312

Inverse Universe

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



A5283E



D61336



7DA528



52494B



91001A



120003

Previews

White Background



This preview shows how the Hex color 283EA5 looks on a white background.

Color Contrast Check

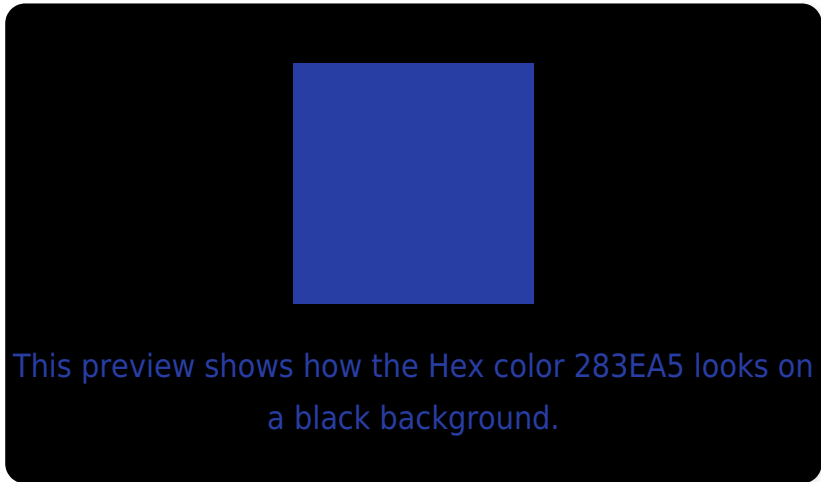
Large Text (above 18pt) WCAG AA ✓ Pass

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

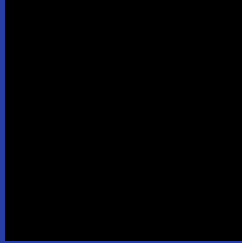
Any Text WCAG AA × Fail

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 283EA5 Background



This preview shows how black text looks on a background with the Hex color 283EA5.



This preview shows how white text looks on a background with the Hex color 283EA5.

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



Trichromacy



Original Color
283EA5

Protanomaly
0F439A

Deuteranomaly
0F468D

Tritanomaly
0F4A73

Monochromacy



Original Color
283EA5

Achromatopsia
434343

Achromatomaly
394167

CSS Examples

Text

The CSS property to change the color of the text to Hex 283EA5 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 #283EA5 looks like.

```
.text, #text, p{  
    color:#283EA5  
}
```

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 #283EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283EA5
}
```

Border

The CSS property to change the border of an element to Hex 283EA5 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
#283EA5 }
```

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

```
.border{ border-color:#283EA5 }
```

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

Here you see how a box with a 4 pixel #283EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283EA5; -webkit-box-shadow:4px 4px  
4px 4px #283EA5; box-shadow:4px 4px 4px  
4px #283EA5 }
```

Background

The CSS property to change the background color of an element to Hex 283EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283EA5 }
```

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

```
.background{ background-color:#283EA5 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor