

Converting Colors

Hex(253AB6)

Have a look what the booklet for
Hex(253AB6) contains.

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Color

Hex(253AB6)

Conversions

Conversions Part 1

Format	Color
Hex	253AB6
RGB	37, 58, 182
RGB Percent	15%, 23%, 71%
CMY	0.8549, 0.7725, 0.2863
CMYK	0.80, 0.68, 0.00, 0.29
HSL	231°, 66%, 43%
HSV	231°, 80%, 71%
XYZ	10.7195, 6.7968, 45.0029
YIQ	65.8570, -52.3200, 34.1120

Conversions

Conversions Part 2

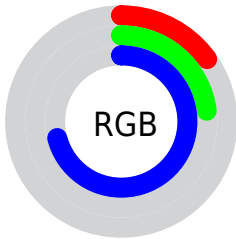
Format	Color
R _Y B	37, 55, 182
Decimal	2439862
CIE Lab	31.34, 37.52, -67.36
CIE LCh	31, 77.104, 299.120
Yxy	6.7968, 0.1715, 0.1087
Android (android.graphics.Color)	4280629942 (0xFF253AB6)
YUV	65.8570, 57.2585, -25.3076
Hunter-Lab	26.0707, 27.7701, -84.0960




Details

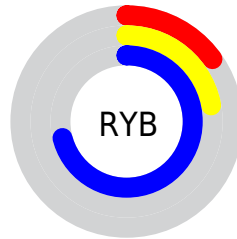
The Hex color **253AB6** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B6A125**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **6B69EF**, and **001180** is the 20% darker color. If you saturate the color by 10%, you get **132AB6**, and if you desaturate by 10%, it is **374AB6**.

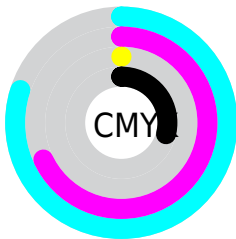
Distribution







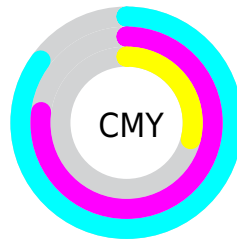
-  Red (15%)
-  Green (23%)
-  Blue (71%)






-  Red (15%)
-  Yellow (22%)
-  Blue (71%)



-  Cyan (80%)
-  Magenta (68%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (85%)
-  Magenta (77%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253AB6 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 253AB6 by changing the saturation by 10% instead.

 253AB6

 253AB6

FFFFFF

 00249A

 6B69EF

 001180

 8A83FF

 000066

 A89DFF

 00094D

 C6B8FF

 000535

 E4D4FF

 00021F

 FFF0FF

 000002

 000000

 253AB6

 253AB6

■ 132AB6

■ 374AB6

■ 011BB6

■ 4959B6

■ 001AB6

■ 5C69B6

■ 6E78B6

■ 8088B6

■ 9297B6

■ A4A7B6

■ B7B7B6

■ C9C6B6

Harmonies

Analogous

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



0054C6



253AB6



8C0089

Triad

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



253AB6



892800



005F46

Complementary

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



253AB6



B6A125

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.



005D00



253AB6



5D4700

Square

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



253AB6



A60014



185600



006084

Rectangle

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



253AB6



A50062



185600



005F31

Sweetspot

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



253AB6



B4BCED



25B6A0



555A78



F7F7F7



787878

Same Dimension

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



253AB6



092AED



5825B6



53545C



00179C



00041C

Inverse Universe

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



B6253A



ED092A



83B625



5C5354



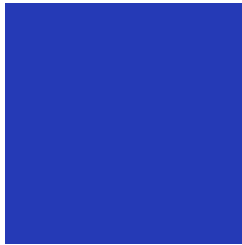
9C0017



1C0004

Previews

White Background



This preview shows how the Hex color 253AB6 looks on a white background.

Color Contrast Check

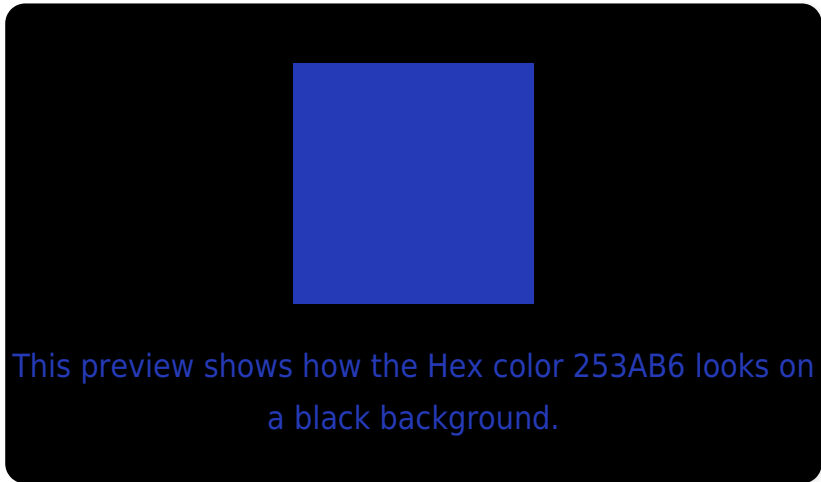
Large Text (above 18pt) WCAG AA ✓ Pass

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

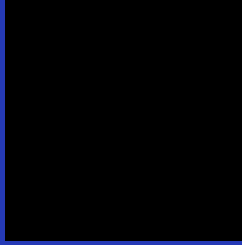
Any Text WCAG AA × Fail

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 253AB6 Background



This preview shows how black text looks on a background with the Hex color 253AB6.

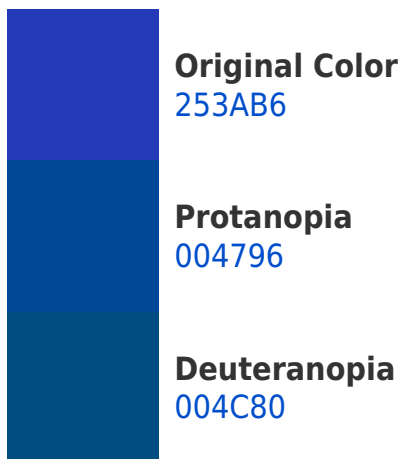


This preview shows how white text looks on a background with the Hex color 253AB6.

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
253AB6

Protanomaly
0D42A2

Deuteranomaly
0D4594

Tritanomaly
0D4979

Monochromacy



Original Color
253AB6

Achromatopsia
424242

Achromatomaly
373F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 253AB6 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 #253AB6 looks like.

```
.text, #text, p{  
    color:#253AB6  
}
```

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 #253AB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253AB6
}
```

Border

The CSS property to change the border of an element to Hex 253AB6 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
#253AB6 }
```

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

```
.border{ border-color:#253AB6 }
```

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

Here you see how a box with a 4 pixel #253AB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253AB6; -webkit-box-shadow:4px 4px  
4px 4px #253AB6; box-shadow:4px 4px 4px  
4px #253AB6 }
```

Background

The CSS property to change the background color of an element to Hex 253AB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253AB6 }
```

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

```
.background{ background-color:#253AB6 }
```

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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