

# Converting Colors

Hex(252CDE)

Have a look what the booklet for  
Hex(252CDE) contains.

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# Color

Hex(252CDE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	252CDE
RGB	37, 44, 222
RGB Percent	15%, 17%, 87%
CMY	0.8549, 0.8275, 0.1294
CMYK	0.83, 0.80, 0.00, 0.13
HSL	238°, 74%, 51%
HSV	238°, 83%, 87%
XYZ	14.8484, 7.4686, 69.7662
YIQ	62.1990, -61.3100, 53.8740

# Conversions

## Conversions Part 2

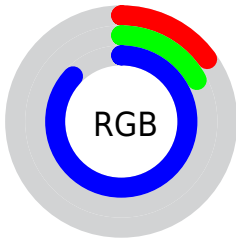
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 44, 222
Decimal	2436318
CIE <sub>Lab</sub>	32.85, 58.72, -88.20
CIE <sub>LCh</sub>	33, 105.958, 303.657
Yxy	7.4686, 0.1613, 0.0811
Android (android.graphics.Color)	4280626398 (0xFF252CDE)
YUV	62.1990, 78.7819, -22.0995
Hunter-Lab	27.3287, 49.1586, -132.2284

# Details

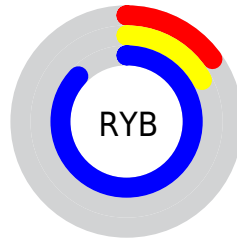
The Hex color **252CDE** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **DED725**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **775EFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **0F17DE**, and if you desaturate by 10%, it is **3B41DE**.

# Distribution



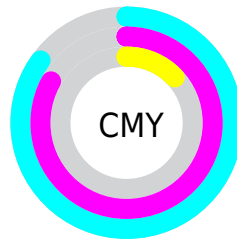
- Red (15%)
- Green (17%)
- Blue (87%)



- Red (15%)
- Yellow (17%)
- Blue (87%)



- Cyan (83%)
- Magenta (80%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (83%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 252CDE 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 252CDE by changing the saturation by 10% instead.



 252CDE

 252CDE

FFFFFF

 0013C1

 775EFF

 0000A5

 9878FF

 00008A

 B892FF

 00006F

 D7ADFF


 000C56


 F7C9FF

 00063D

 FFE6FF

 000327

 000110

 000000

■ 252CDE

■ 252CDE

■ 0F17DE

■ 3B41DE

■ 0008DE

■ 5157DE

■ 686CDE

■ 7E81DE

■ 9497DE

■ AAACDE

■ C0C2DE

■ D7D7DE

■ EDECDE

# Harmonies

## Analogous

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



005AFC



252CDE



B0009A

# Triad

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



252CDE



962000



006756

# Complementary

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



252CDE



DED725

# 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.



006500



252CDE



564F00

# Square

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



252CDE



C20000



005F00



006AAB

# Rectangle

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



252CDE



CC0063



005F00



006638



# Sweetspot

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



252CDE



BFC2FF



25DED5



595B80



000000



808080



# Same Dimension

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



252CDE



000AFF



7825DE



656570



0007B0



000230



# Inverse Universe

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



DE252C



FF000A



8BDE25



706565



B00007

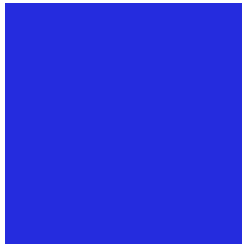


300002



# Previews

## White Background



This preview shows how the Hex color 252CDE looks on a white background.

## Color Contrast Check

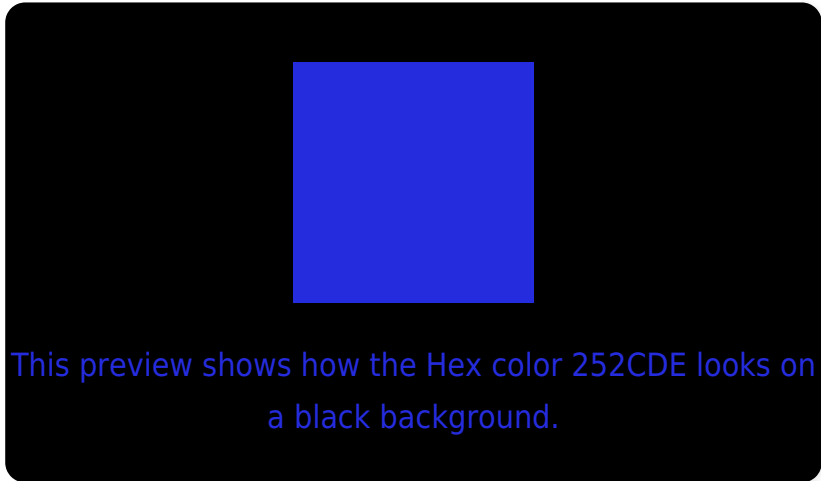
Large Text (above 18pt) WCAG AA ✓ Pass

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

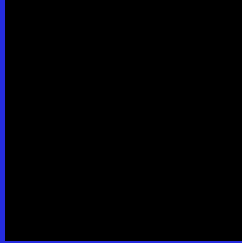
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 252CDE Background



This preview shows how black text looks on a background with the Hex color 252CDE.



This preview shows how white text looks on a background with the Hex color 252CDE.

# 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**  
252CDE

**Protanopia**  
004A9C

**Deuteranopia**  
004F84



**Tritanopia**  
00555A

# Trichromacy



**Original Color**  
252CDE

**Protanomaly**  
0D3FB4

**Deuteranomaly**  
0D42A5

**Tritanomaly**  
0D468A

# Monochromacy



**Original Color**  
252CDE

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
353778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 252CDE 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 #252CDE looks like.

```
.text, #text, p{  
    color:#252CDE  
}
```

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 #252CDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252CDE
}
```

## Border

The CSS property to change the border of an element to Hex 252CDE 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
#252CDE }
```

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

```
.border{ border-color:#252CDE }
```

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

Here you see how a box with a 4 pixel #252CDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252CDE; -webkit-box-shadow:4px 4px  
4px 4px #252CDE; box-shadow:4px 4px 4px  
4px #252CDE }
```

# Background

The CSS property to change the background color of an element to Hex 252CDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252CDE }
```

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

```
.background{ background-color:#252CDE }
```

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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