

Converting Colors

Hex(252BD9)

Have a look what the booklet for
Hex(252BD9) contains.

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Color

Hex(252BD9)

Conversions

Conversions Part 1	
Format	Color
Hex	252BD9
RGB	37, 43, 217
RGB Percent	15%, 17%, 85%
CMY	0.8549, 0.8314, 0.1490
CMYK	0.83, 0.80, 0.00, 0.15
HSL	238°, 71%, 50%
HSV	238°, 83%, 85%
XYZ	14.1512, 7.1308, 66.2762
YIQ	61.0420, -59.4300, 52.8420

Conversions

Conversions Part 2

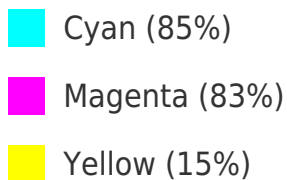
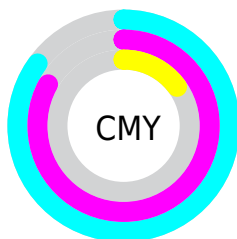
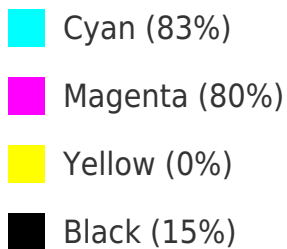
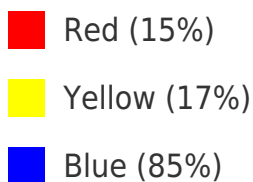
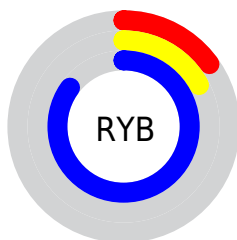
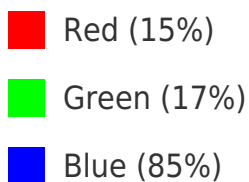
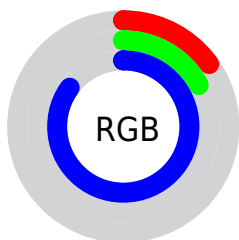
Format	Color
RYB	37, 43, 217
Decimal	2436057
CIELab	32.10, 57.67, -86.56
CIELCh	32, 104.010, 303.671
Yxy	7.1308, 0.1616, 0.0814
Android (android.graphics.Color)	4280626137 (0xFF252BD9)
YUV	61.0420, 76.8873, -21.0848
Hunter-Lab	26.7036, 47.8624, -128.4605

Details

The Hex color **252BD9** 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 **D9D325**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **765DFF**, and **0000A0** is the 20% darker color. If you saturate the color by 10%, you get **0F16D9**, and if you desaturate by 10%, it is **3B40D9**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 252BD9 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 252BD9 by changing the saturation by 10% instead.

 252BD9

 252BD9

FFFFFF


 0012BC

 765DFF

 0000A0

 9676FF

 000085

 B691FF

 00006B


 D6ACFF

 000B51

 F5C8FF

 000539

 FFE4FF

 000223

 00000A

 000000

 252BD9

 252BD9

 0F16D9

 3B40D9

 0007D9

 5055D9

 666AD9

 7C7FD9

 9294D9

 A7A9D9

 BDBED9

 D3D3D9

 E8E8D9

Harmonies

Analogous

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



0058F7



252BD9



AC0096

Triad

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



252BD9



931F00



006554

Complementary

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



252BD9



D9D325

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.



006200



252BD9



544D00

Square

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



252BD9



BE0000



005D00



0067A7

Rectangle

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



252BD9



C70061



005D00



006437

Sweetspot

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



252BD9



BFC1FF



25D9D3



595B80



000000



808080

Same Dimension

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



252BD9



0008FF



7925D9



63636E



0006AD



00022E

Inverse Universe

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



D9252B



FF0008



85D925



6E6363



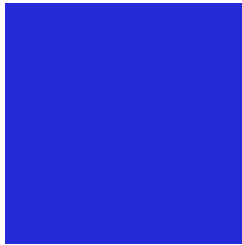
AD0006



2E0002

Previews

White Background



This preview shows how the Hex color 252BD9 looks on a white background.

Color Contrast Check

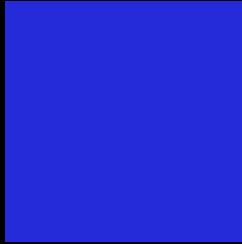
Large Text (above 18pt) WCAG AA ✓ Pass

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 252BD9 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 252BD9 Background



This preview shows how black text looks on a background with the Hex color 252BD9.



This preview shows how white text looks on a background with the Hex color 252BD9.

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
252BD9





Protanopia
004898

Deuteranopia
004D81




Tritanopia
005358

Trichromacy

	Original Color 252BD9
	Protanomaly 0D3DB0
	Deuteranomaly 0D41A1
	Tritanomaly 0D4487

Monochromacy

	Original Color 252BD9
	Achromatopsia 3D3D3D
	Achromatomaly 343676

CSS Examples

Text

The CSS property to change the color of the text to Hex 252BD9 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 #252BD9 looks like.

```
.text, #text, p{  
    color:#252BD9  
}
```

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 #252BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252BD9
}
```

Border

The CSS property to change the border of an element to Hex 252BD9 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
#252BD9 }
```

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

```
.border{ border-color:#252BD9 }
```

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

Here you see how a box with a 4 pixel #252BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252BD9; -webkit-box-shadow:4px 4px  
4px 4px #252BD9; box-shadow:4px 4px 4px  
4px #252BD9 }
```

Background

The CSS property to change the background color of an element to Hex 252BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252BD9 }
```

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

```
.background{ background-color:#252BD9 }
```

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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