

Converting Colors

Hex(523DA2)

Have a look what the booklet for
Hex(523DA2) contains.

Hex(523DA2)	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(523DA2)

Conversions

Conversions Part 1

Format	Color
Hex	523DA2
RGB	82, 61, 162
RGB Percent	32%, 24%, 64%
CMY	0.6784, 0.7608, 0.3647
CMYK	0.49, 0.62, 0.00, 0.36
HSL	252°, 45%, 44%
HSV	252°, 62%, 64%
XYZ	11.6700, 7.7400, 35.0613
YIQ	78.7930, -19.9050, 35.8630

Conversions

Conversions Part 2

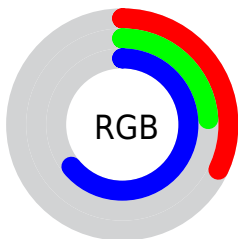
Format	Color
R_{YB}	82, 61, 162
Decimal	5389730
CIE _{Lab}	33.44, 35.43, -51.85
CIE _{LCh}	33, 62.799, 304.344
Yxy	7.7400, 0.2142, 0.1421
Android (android.graphics.Color)	4283579810 (0xFF523DA2)
YUV	78.7930, 41.0211, 2.8125
Hunter-Lab	27.8208, 26.1892, -55.2460

Details

The Hex color **523DA2** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8DA23D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **896EDA**, and **14106D** is the 20% darker color. If you saturate the color by 10%, you get **452DA2**, and if you desaturate by 10%, it is **5F4DA2**.

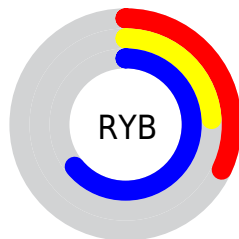
Distribution



Red (32%)

Green (24%)

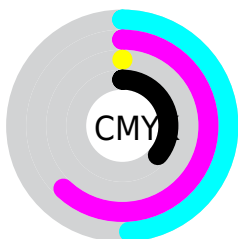
Blue (64%)



Red (32%)

Yellow (24%)

Blue (64%)

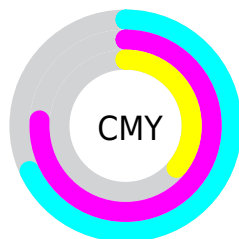


Cyan (49%)

Magenta (62%)

Yellow (0%)

Black (36%)



Cyan (68%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523DA2 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 523DA2 by changing the saturation by 10% instead.

■ 523DA2

■ 523DA2

FFFFFF

■ 362687

■ 896EDA

■ 14106D

■ A587F6

■ 000054

■ C2A2FF

■ 00003C

■ DFBDFE

■ 000226

■ FDD9FF

■ 00010E

■ FFF5FF

■ 000000

■ 523DA2

■ 523DA2

■ 452DA2

■ 5F4DA2

■ 381DA2

■ 6C5DA2

■ 2C0CA2

■ 786EA2

■ 2200A2

■ 857EA2

■ 928EA2

■ 9F9EA2

■ ACAEA2

■ B9BFA2

■ C5CFA2

Harmonies

Analogous

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



0053B3



523DA2



8D177B

Triad

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



523DA2



823B00



006355

Complementary

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



523DA2



8DA23D

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.



00601F



523DA2



5B4F00

Square

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



523DA2



9C1819



235B00



006386

Rectangle

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



523DA2



9F005A



235B00



006243

Sweetspot

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



523DA2



B4ABD4



3D8EA2



58526B



EBEBEB



6B6B6B

Same Dimension

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



523DA2



5635D4



843DA2



4B4952



1E0091



040012

Inverse Universe

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



A23D8D



D435B3



5BA23D



524950



910073



12000E

Previews

White Background



This preview shows how the Hex color 523DA2 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

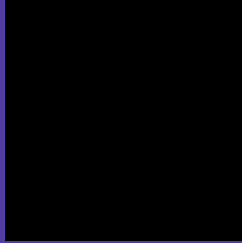
Any Text WCAG AA × Fail

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 523DA2 Background



This preview shows how black text looks on a background with the Hex color 523DA2.

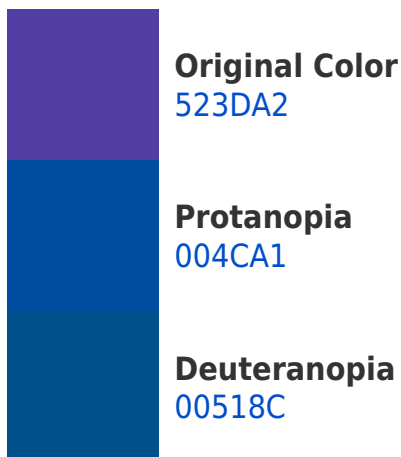


This preview shows how white text looks on a background with the Hex color 523DA2.

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





Tritanopia
3D5259

Trichromacy



Original Color
523DA2

Protanomaly
1E47A1

Deuteranomaly
1E4A94

Tritanomaly
454A74

Monochromacy



Original Color
523DA2

Achromatopsia
4F4F4F

Achromatomaly
50486D

CSS Examples

Text

The CSS property to change the color of the text to Hex 523DA2 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 #523DA2 looks like.

```
.text, #text, p{  
    color:#523DA2  
}
```

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 #523DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523DA2
}
```

Border

The CSS property to change the border of an element to Hex 523DA2 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
#523DA2 }
```

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

```
.border{ border-color:#523DA2 }
```

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

Here you see how a box with a 4 pixel #523DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523DA2; -webkit-box-shadow:4px 4px  
4px 4px #523DA2; box-shadow:4px 4px 4px  
4px #523DA2 }
```

Background

The CSS property to change the background color of an element to Hex 523DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523DA2 }
```

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

```
.background{ background-color:#523DA2 }
```

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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