

Converting Colors

Hex(2327B2)

Have a look what the booklet for
Hex(2327B2) contains.

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Color

Hex(2327B2)

Conversions

Conversions Part 1

Format	Color
Hex	2327B2
RGB	35, 39, 178
RGB Percent	14%, 15%, 70%
CMY	0.8627, 0.8471, 0.3020
CMYK	0.80, 0.78, 0.00, 0.30
HSL	238°, 67%, 42%
HSV	238°, 80%, 70%
XYZ	9.4545, 5.0227, 42.5907
YIQ	53.6500, -47.0030, 42.3810

Conversions

Conversions Part 2

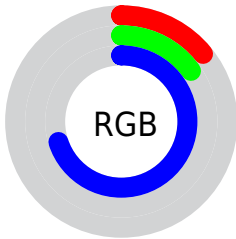
Format	Color
R_{YB}	35, 39, 178
Decimal	2303922
CIE _{Lab}	26.80, 47.19, -72.48
CIE _{LCh}	27, 86.485, 303.069
Yxy	5.0227, 0.1657, 0.0880
Android (android.graphics.Color)	4280494002 (0xFF2327B2)
YUV	53.6500, 61.3045, -16.3560
Hunter-Lab	22.4114, 36.0825, -96.9867

Details

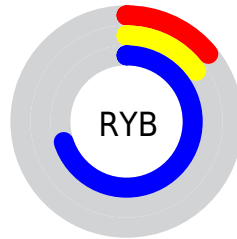
The Hex color **2327B2** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B2AE23**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6B57EB**, and **00007C** is the 20% darker color. If you saturate the color by 10%, you get **1116B2**, and if you desaturate by 10%, it is **3538B2**.

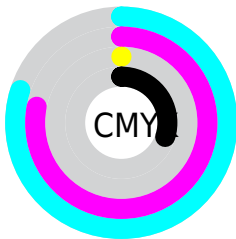
Distribution



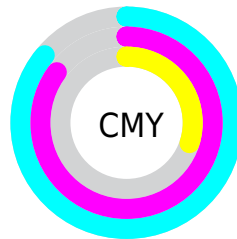
- Red (14%)
- Green (15%)
- Blue (70%)



- Red (14%)
- Yellow (15%)
- Blue (70%)



- Cyan (80%)
- Magenta (78%)
- Yellow (0%)
- Black (30%)



- Cyan (86%)
- Magenta (85%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2327B2 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 2327B2 by changing the saturation by 10% instead.

■ 2327B2

■ 2327B2

FFFFFF

■ 001097

■ 6B57EB

■ 00007C

■ 8A70FF

■ 000062

■ A88AFF

■ 000949

■ C6A4FF

■ 000431

■ E4C0FF

■ 00011C

■ FFDCFF

■ 000000

■ FFF9FF

■ 2327B2

■ 2327B2

■ 1116B2

■ 3538B2

■ 0005B2

■ 474AB2

■ 585BB2

■ 6A6CB2

■ 7C7EB2

■ 8E8FB2

■ A0A0B2

■ B1B1B2

■ C3C3B2

Harmonies

Analogous

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



004AC9



2327B2



8D007D

Triad

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



2327B2



7B1C00



005545

Complementary

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



2327B2



B2AE23

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.



005200



2327B2



494000

Square

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



2327B2



9E0000



004D00



005688

Rectangle

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



2327B2



A40052



004D00



00542D

Sweetspot

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



2327B2



B0B2E8



23B2AD



535475



F5F5F5



757575

Same Dimension

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



2327B2



0910E8



6623B2



505159



000499



00011A

Inverse Universe

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



B22327



E80910



6FB223



595051



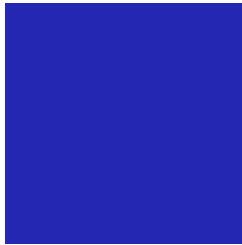
990004



1A0001

Previews

White Background



This preview shows how the Hex color 2327B2 looks on a white background.

Color Contrast Check

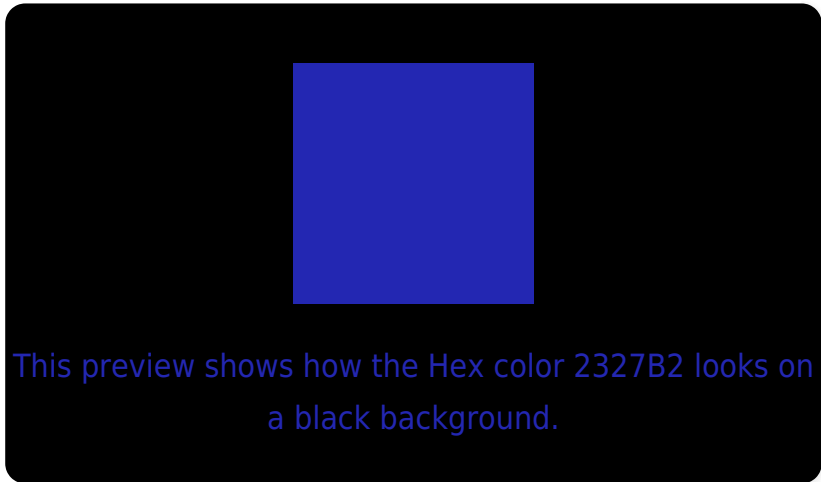
Large Text (above 18pt) WCAG AA ✓ Pass

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

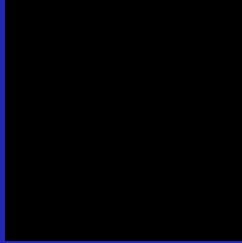
Any Text WCAG AA × Fail

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 2327B2 Background



This preview shows how black text looks on a background with the Hex color 2327B2.



This preview shows how white text looks on a background with the Hex color 2327B2.

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
2327B2

Protanopia
003D81

Deuteranopia
00416D



Tritanopia
00474A

Trichromacy



Original Color
2327B2

Protanomaly
0D3593

Deuteranomaly
0D3886

Tritanomaly
0D3B70

Monochromacy



Original Color
2327B2

Achromatopsia
363636

Achromatomaly
2F3163

CSS Examples

Text

The CSS property to change the color of the text to Hex 2327B2 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 #2327B2 looks like.

```
.text, #text, p{  
    color:#2327B2  
}
```

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 #2327B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2327B2
}
```

Border

The CSS property to change the border of an element to Hex 2327B2 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
#2327B2 }
```

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

```
.border{ border-color:#2327B2 }
```

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

Here you see how a box with a 4 pixel #2327B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2327B2; -webkit-box-shadow:4px 4px  
4px 4px #2327B2; box-shadow:4px 4px 4px  
4px #2327B2 }
```

Background

The CSS property to change the background color of an element to Hex 2327B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2327B2 }
```

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

```
.background{ background-color:#2327B2 }
```

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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