

Converting Colors

Hex(2334B0)

Have a look what the booklet for
Hex(2334B0) contains.

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Color

Hex(2334B0)

Conversions

Conversions Part 1

Format	Color
Hex	2334B0
RGB	35, 52, 176
RGB Percent	14%, 20%, 69%
CMY	0.8627, 0.7961, 0.3098
CMYK	0.80, 0.70, 0.00, 0.31
HSL	233°, 67%, 41%
HSV	233°, 80%, 69%
XYZ	9.7576, 5.9479, 41.7081
YIQ	61.0530, -49.9360, 34.9600

Conversions

Conversions Part 2

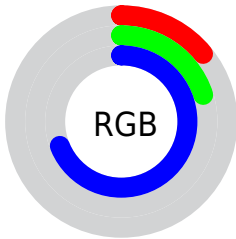
Format	Color
R_{YB}	35, 50, 176
Decimal	2307248
CIE _{Lab}	29.28, 38.94, -67.18
CIE _{LCh}	29, 77.652, 300.101
Yxy	5.9479, 0.1700, 0.1036
Android (android.graphics.Color)	4280497328 (0xFF2334B0)
YUV	61.0530, 56.6689, -22.8485
Hunter-Lab	24.3883, 28.7371, -84.3240

Details

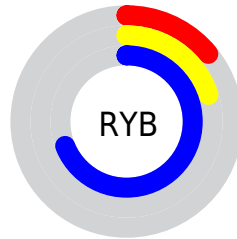
The Hex color **2334B0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B09F23**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6963E9**, and **000B7A** is the 20% darker color. If you saturate the color by 10%, you get **1125B0**, and if you desaturate by 10%, it is **3543B0**.

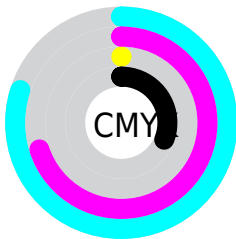
Distribution



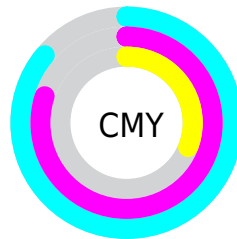
- Red (14%)
- Green (20%)
- Blue (69%)



- Red (14%)
- Yellow (20%)
- Blue (69%)



- Cyan (80%)
- Magenta (70%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (80%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2334B0 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 2334B0 by changing the saturation by 10% instead.

■ 2334B0

■ 2334B0

FFFFFF

■ 001E95

■ 6963E9

■ 000B7A

■ 877CFF

■ 000060

■ A596FF

■ 000847

■ C3B1FF

■ 000430

■ E1CDFF

■ 00011A

■ FFE9FF

■ 000000

■ 2334B0

■ 2334B0

■ 1125B0

■ 3543B0

0015B0

4653B0

5862B0

6972B0

7B81B0

8D91B0

9EA0B0

B0B0B0

C1BFB0

Harmonies

Analogous

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



004FC1



2334B0



880082

Triad

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



2334B0



822400



005A44

Complementary

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



2334B0



B09F23

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.



005800



2334B0



554300

Square

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



2334B0



A0000D



085200



005B81

Rectangle

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



2334B0



A0005C



085200



00592E

Sweetspot

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



2334B0



AEB5E6



23B09D



515573



F2F2F2



737373

Same Dimension

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



2334B0



0924E6



5723B0



505159



001299



00031A

Inverse Universe

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



B02334



E60924



7CB023



595051



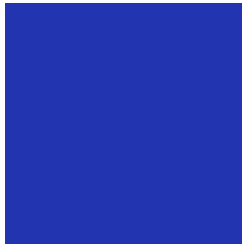
990012



1A0003

Previews

White Background



This preview shows how the Hex color 2334B0 looks on a white background.

Color Contrast Check

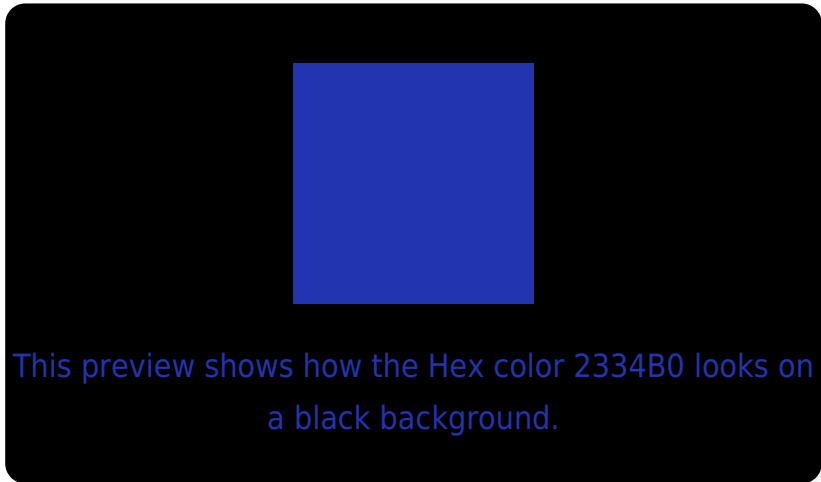
Large Text (above 18pt) WCAG AA ✓ Pass

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

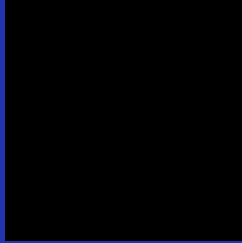
Any Text WCAG AA × Fail

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 2334B0 Background



This preview shows how black text looks on a background with the Hex color 2334B0.



This preview shows how white text looks on a background with the Hex color 2334B0.

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
2334B0

Protanopia
00428C

Deuteranopia
004777

Trichromacy



Original Color
2334B0

Protanomaly
0D3D99

Deuteranomaly
0D408C

Tritanomaly
0D4474

Monochromacy



Original Color
2334B0

Achromatopsia
3D3D3D

Achromatomaly
343A67

CSS Examples

Text

The CSS property to change the color of the text to Hex 2334B0 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 #2334B0 looks like.

```
.text, #text, p{  
    color:#2334B0  
}
```

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 #2334B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2334B0
}
```

Border

The CSS property to change the border of an element to Hex 2334B0 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
#2334B0 }
```

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

```
.border{ border-color:#2334B0 }
```

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

Here you see how a box with a 4 pixel #2334B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2334B0; -webkit-box-shadow:4px 4px  
4px 4px #2334B0; box-shadow:4px 4px 4px  
4px #2334B0 }
```

Background

The CSS property to change the background color of an element to Hex 2334B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2334B0 }
```

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

```
.background{ background-color:#2334B0 }
```

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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