

Converting Colors

Hex(2347B4)

Have a look what the booklet for
Hex(2347B4) contains.

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Color

Hex(2347B4)

Conversions

Conversions Part 1

Format	Color
Hex	2347B4
RGB	35, 71, 180
RGB Percent	14%, 28%, 71%
CMY	0.8627, 0.7216, 0.2941
CMYK	0.81, 0.61, 0.00, 0.29
HSL	225°, 67%, 42%
HSV	225°, 81%, 71%
XYZ	11.1846, 8.1591, 44.1654
YIQ	72.6620, -56.4450, 26.2670

Conversions

Conversions Part 2

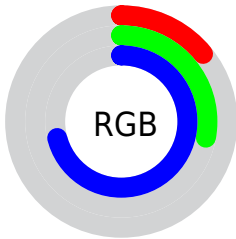
Format	Color
R_{YB}	35, 64, 180
Decimal	2312116
CIE Lab	34.31, 28.16, -61.30
CIE LCh	34, 67.460, 294.668
Yxy	8.1591, 0.1761, 0.1285
Android (android.graphics.Color)	4280502196 (0xFF2347B4)
YUV	72.6620, 52.9176, -33.0296
Hunter-Lab	28.5641, 19.9064, -71.6784

Details

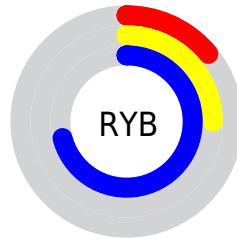
The Hex color **2347B4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B49023**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6977ED**, and **001D7E** is the 20% darker color. If you saturate the color by 10%, you get **1139B4**, and if you desaturate by 10%, it is **3555B4**.

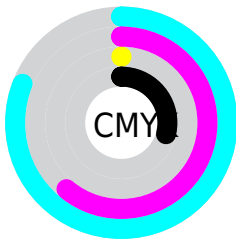
Distribution



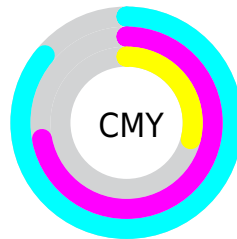
- Red (14%)
- Green (28%)
- Blue (71%)



- Red (14%)
- Yellow (25%)
- Blue (71%)



- Cyan (81%)
- Magenta (61%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2347B4 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 2347B4 by changing the saturation by 10% instead.

■ 2347B4

■ 2347B4

FFFFFF

■ 003199

■ 6977ED

■ 001D7E

■ 8791FF

■ 000964

■ A4ABFF

■ 00064B

■ C2C6FF

■ 000434

■ E0E2FF

■ 00021E

FEFFFF

■ 000000

■ 2347B4

■ 2347B4

■ 1139B4

■ 3555B4

002DB4

4762B4

5970B4

6B7DB4

7D8BB4

8F98B4

A1A6B4

B3B3B4

C5C1B4

Harmonies

Analogous

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



005BBD



2347B4



852290

Triad

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



2347B4



923000



006545

Complementary

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



2347B4



B49023

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.



006203



2347B4



6B4B00

Square

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



2347B4



A80028



385B00



00667C

Rectangle

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



2347B4



9F006E



385B00



006532

Sweetspot

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



2347B4



B2C0EB



23B490



535C75



F5F5F5



757575

Same Dimension

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



2347B4



0740EB



4723B4



505359



002699



00061A

Inverse Universe

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



B42347



EB0740



90B423



595053



990026



1A0006

Previews

White Background



This preview shows how the Hex color 2347B4 looks on a white background.

Color Contrast Check

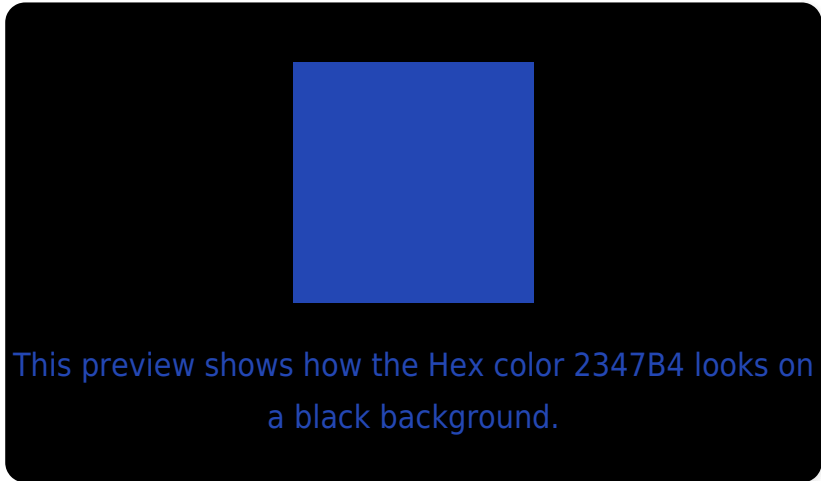
Large Text (above 18pt) WCAG AA ✓ Pass

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

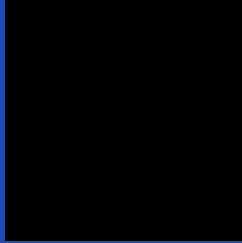
Any Text WCAG AA × Fail

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 2347B4 Background



This preview shows how black text looks on a background with the Hex color 2347B4.



This preview shows how white text looks on a background with the Hex color 2347B4.

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
2347B4

Protanopia
004DA4

Deuteranopia
00538D



Tritanopia
00595F

Trichromacy



Original Color
2347B4

Protanomaly
0D4BAA

Deuteranomaly
0D4F9B

Tritanomaly
0D527E

Monochromacy



Original Color
2347B4

Achromatopsia
494949

Achromatomaly
3B4870

CSS Examples

Text

The CSS property to change the color of the text to Hex 2347B4 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 #2347B4 looks like.

```
.text, #text, p{  
    color:#2347B4  
}
```

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 #2347B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2347B4
}
```

Border

The CSS property to change the border of an element to Hex 2347B4 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
#2347B4 }
```

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

```
.border{ border-color:#2347B4 }
```

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

Here you see how a box with a 4 pixel #2347B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2347B4; -webkit-box-shadow:4px 4px  
4px 4px #2347B4; box-shadow:4px 4px 4px  
4px #2347B4 }
```

Background

The CSS property to change the background color of an element to Hex 2347B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2347B4 }
```

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

```
.background{ background-color:#2347B4 }
```

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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