

Converting Colors

Hex(2344A0)

Have a look what the booklet for
Hex(2344A0) contains.

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Color

Hex(2344A0)

Conversions

Conversions Part 1

Format	Color
Hex	2344A0
RGB	35, 68, 160
RGB Percent	14%, 27%, 63%
CMY	0.8627, 0.7333, 0.3725
CMYK	0.78, 0.58, 0.00, 0.37
HSL	224°, 64%, 38%
HSV	224°, 78%, 63%
XYZ	9.1054, 7.0296, 34.1347
YIQ	68.6210, -49.2000, 21.6160

Conversions

Conversions Part 2

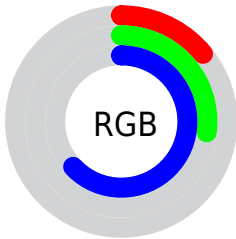
Format	Color
R _Y B	35, 61, 160
Decimal	2311328
CIE Lab	31.87, 22.43, -53.32
CIE LCh	32, 57.848, 292.812
Yxy	7.0296, 0.1811, 0.1398
Android (android.graphics.Color)	4280501408 (0xFF2344A0)
YUV	68.6210, 45.0498, -29.4856
Hunter-Lab	26.5135, 14.9031, -57.7733

Details

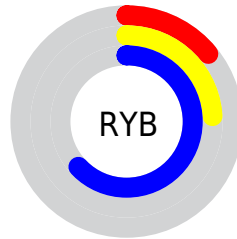
The Hex color **2344A0** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A07F23**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6474D8**, and **001A6B** is the 20% darker color. If you saturate the color by 10%, you get **1338A0**, and if you desaturate by 10%, it is **3350A0**.

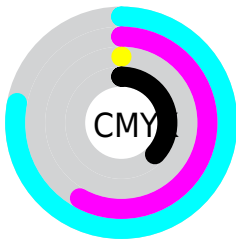
Distribution



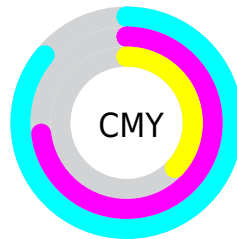
- Red (14%)
- Green (27%)
- Blue (63%)



- Red (14%)
- Yellow (24%)
- Blue (63%)



- Cyan (78%)
- Magenta (58%)
- Yellow (0%)
- Black (37%)



- Cyan (86%)
- Magenta (73%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2344A0 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 2344A0 by changing the saturation by 10% instead.

■ 2344A0

■ 2344A0

FFFFFF

■ 002E85

■ 6474D8

■ 001A6B

■ 818DF4

■ 000053

■ 9EA7FF

■ 00063B

■ BBC2FF

■ 000224

■ D8DEFF

■ 00000C

■ F6FBFF

■ 000000

■ 2344A0

■ 2344A0

■ 1338A0

■ 3350A0

032CA0

435CA0

002AA0

5367A0

6373A0

737FA0

838BA0

9396A0

A3A2A0

B3AEA0

Harmonies

Analogous

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



0054A6



2344A0



752983

Triad

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



2344A0



852F00



005D3E

Complementary

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



2344A0



A07F23

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.



005A0A



2344A0



664500

Square

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



2344A0



970D2B



3C5300



005E6D

Rectangle

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



2344A0



8D1167



3C5300



005C2E

Sweetspot

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



2344A0



A1AED1



23A07F



4B5369



E8E8E8



696969

Same Dimension

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



2344A0



0D40D1



4023A0



47494F



00268F



00040F

Inverse Universe

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



A02344



D10D40



83A023



4F4749



8F0026



0F0004

Previews

White Background



This preview shows how the Hex color 2344A0 looks on a white background.

Color Contrast Check

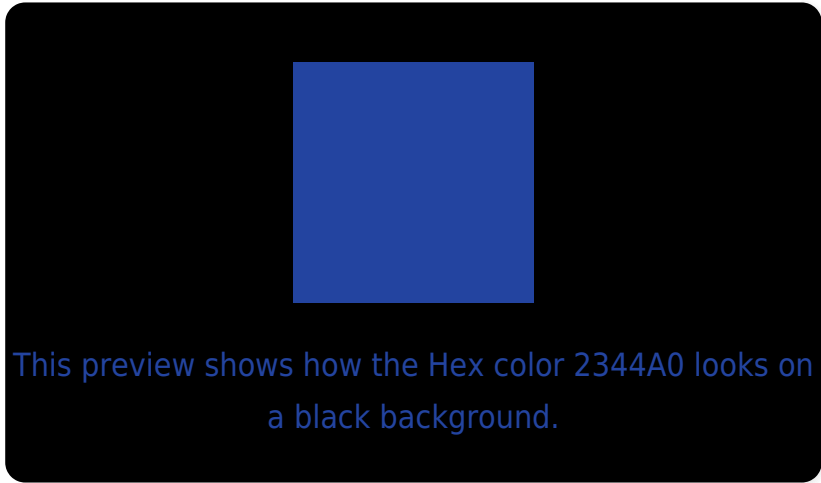
Large Text (above 18pt) WCAG AA ✓ Pass

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 2344A0 Background



This preview shows how black text looks on a background with the Hex color 2344A0.

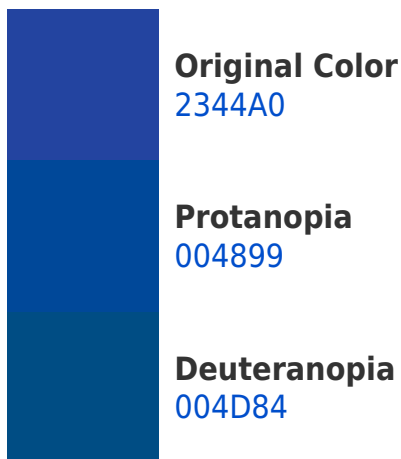


This preview shows how white text looks on a background with the Hex color 2344A0.

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



Trichromacy



Original Color
2344A0

Protanomaly
0D479C

Deuteranomaly
0D4A8E

Tritanomaly
0D4E73

Monochromacy



Original Color
2344A0

Achromatopsia
454545

Achromatomaly
394566

CSS Examples

Text

The CSS property to change the color of the text to Hex 2344A0 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 #2344A0 looks like.

```
.text, #text, p{  
    color:#2344A0  
}
```

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 #2344A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2344A0
}
```

Border

The CSS property to change the border of an element to Hex 2344A0 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
#2344A0 }
```

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

```
.border{ border-color:#2344A0 }
```

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

Here you see how a box with a 4 pixel #2344A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2344A0; -webkit-box-shadow:4px 4px  
4px 4px #2344A0; box-shadow:4px 4px 4px  
4px #2344A0 }
```

Background

The CSS property to change the background color of an element to Hex 2344A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2344A0 }
```

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

```
.background{ background-color:#2344A0 }
```

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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