

Converting Colors

Hex(2364A4)

Have a look what the booklet for
Hex(2364A4) contains.

Hex(2364A4)	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(2364A4)

Conversions

Conversions Part 1

Format	Color
Hex	2364A4
RGB	35, 100, 164
RGB Percent	14%, 39%, 64%
CMY	0.8627, 0.6078, 0.3569
CMYK	0.79, 0.39, 0.00, 0.36
HSL	210°, 65%, 39%
HSV	210°, 79%, 64%
XYZ	11.9511, 12.1520, 36.8376
YIQ	87.8610, -59.2840, 6.1240

Conversions

Conversions Part 2

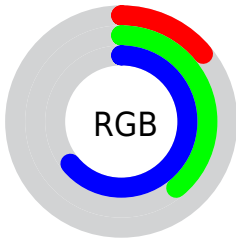
Format	Color
RYB	35, 78, 164
Decimal	2319524
CIELab	41.46, 2.83, -40.30
CIELCh	41, 40.397, 274.022
Yxy	12.1520, 0.1961, 0.1994
Android (android.graphics.Color)	4280509604 (0xFF2364A4)
YUV	87.8610, 37.5365, -46.3591
Hunter-Lab	34.8597, 0.1916, -38.2523

Details

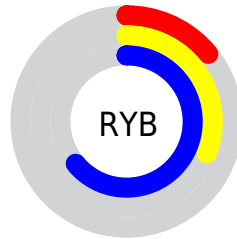
The Hex color **2364A4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A46323**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6496DB**, and **003670** is the 20% darker color. If you saturate the color by 10%, you get **135CA4**, and if you desaturate by 10%, it is **336CA4**.

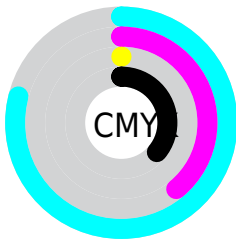
Distribution



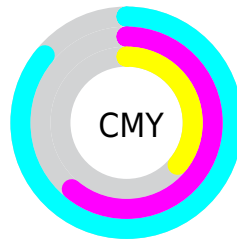
- Red (14%)
- Green (39%)
- Blue (64%)



- Red (14%)
- Yellow (31%)
- Blue (64%)



- Cyan (79%)
- Magenta (39%)
- Yellow (0%)
- Black (36%)



- Cyan (86%)
- Magenta (61%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2364A4 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 2364A4 by changing the saturation by 10% instead.

■ 2364A4

■ 2364A4

FFFFFF

■ 004C89

■ 6496DB

■ 003670

■ 81B1F8

■ 002157

■ 9DCCFF

■ 00093F

■ BAE8FF

■ 000328

■ D8FFFF

■ 000112

■ F5FFFF

■ 000000

■ 2364A4

■ 2364A4

■ 135CA4

■ 336CA4

0254A4

4474A4

0053A4

547CA4

6585A4

758DA4

8595A4

969DA4

A6A5A4

B7ADA4

Harmonies

Analogous

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



006D9D



2364A4



695799

Triad

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



2364A4



9C493E



187043

Complementary

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



2364A4



A46323

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.



4D6A27



2364A4



8B5525

Square

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



2364A4



9E445F



70621A



007265

Rectangle

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



2364A4



844E89



70621A



2F6E39

Sweetspot

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



2364A4



A3BDD6



23A461



4C5C6B



EBEBEB



6B6B6B

Same Dimension

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



2364A4



0D72D6



2325A4



494E52



004991



000912

Inverse Universe

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



A42364



D60D72



A4A223



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color 2364A4 looks on a white background.

Color Contrast Check

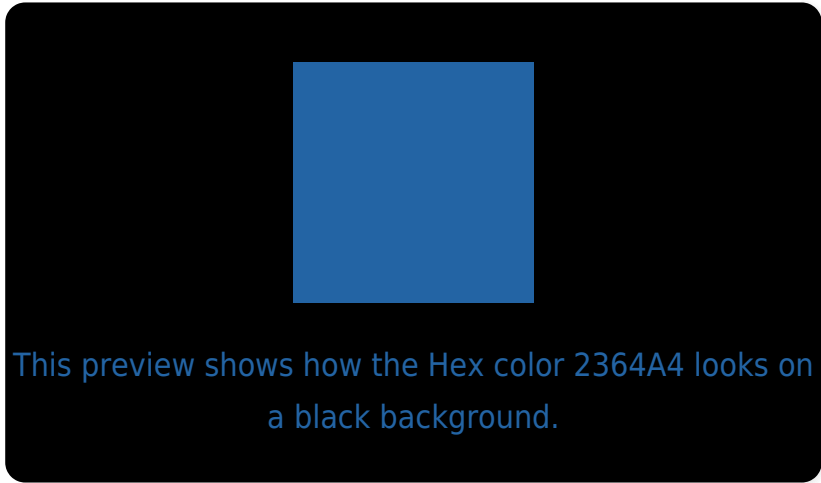
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

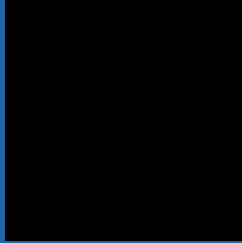
Any Text WCAG AA × Fail

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 2364A4 Background



This preview shows how black text looks on a background with the Hex color 2364A4.

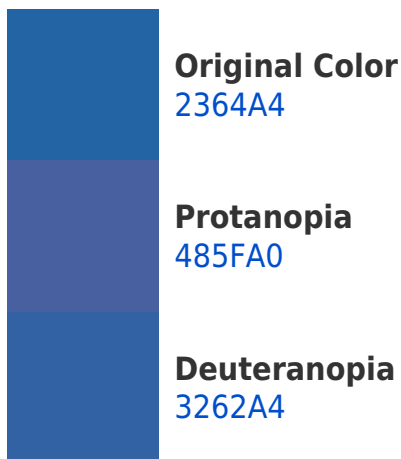


This preview shows how white text looks on a background with the Hex color 2364A4.

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](#).

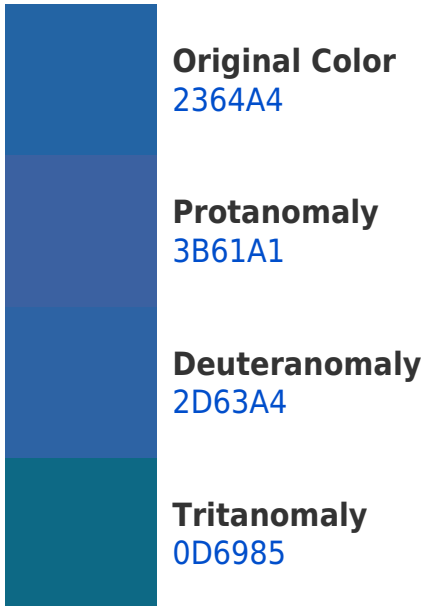
Dichromacy



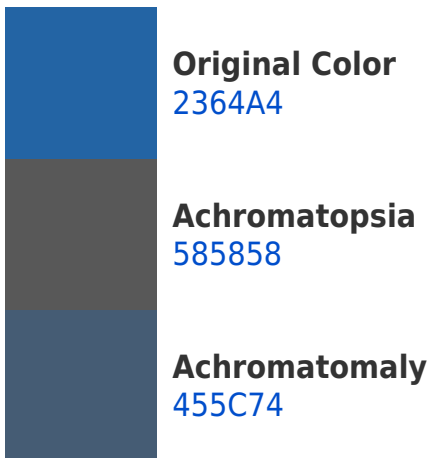


Tritanopia
006C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2364A4 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 #2364A4 looks like.

```
.text, #text, p{  
    color:#2364A4  
}
```

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 #2364A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2364A4
}
```

Border

The CSS property to change the border of an element to Hex 2364A4 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
#2364A4 }
```

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

```
.border{ border-color:#2364A4 }
```

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

Here you see how a box with a 4 pixel #2364A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2364A4; -webkit-box-shadow:4px 4px  
4px 4px #2364A4; box-shadow:4px 4px 4px  
4px #2364A4 }
```

Background

The CSS property to change the background color of an element to Hex 2364A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2364A4 }
```

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

```
.background{ background-color:#2364A4 }
```

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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