

Converting Colors

Hex(2355C2)

Have a look what the booklet for
Hex(2355C2) contains.

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Color

Hex(2355C2)

Conversions

Conversions Part 1

Format	Color
Hex	2355C2
RGB	35, 85, 194
RGB Percent	14%, 33%, 76%
CMY	0.8627, 0.6667, 0.2392
CMYK	0.82, 0.56, 0.00, 0.24
HSL	221°, 69%, 45%
HSV	221°, 82%, 76%
XYZ	13.6792, 10.7494, 52.3928
YIQ	82.4760, -64.7890, 23.2990

Conversions

Conversions Part 2

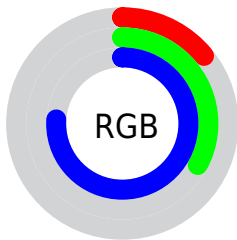
Format	Color
R _Y B	35, 73, 194
Decimal	2315714
CIE Lab	39.16, 24.29, -61.63
CIE LCh	39, 66.242, 291.510
Yxy	10.7494, 0.1781, 0.1399
Android (android.graphics.Color)	4280505794 (0xFF2355C2)
YUV	82.4760, 54.9813, -41.6365
Hunter-Lab	32.7862, 17.0988, -71.7958

Details

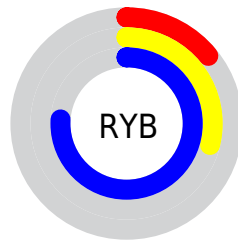
The Hex color **2355C2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C29023**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6B86FB**, and **00298B** is the 20% darker color. If you saturate the color by 10%, you get **1048C2**, and if you desaturate by 10%, it is **3662C2**.

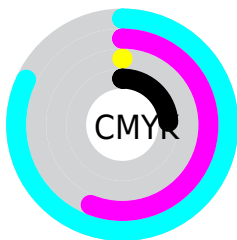
Distribution



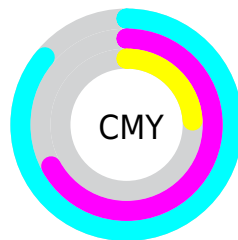
- Red (14%)
- Green (33%)
- Blue (76%)



- Red (14%)
- Yellow (29%)
- Blue (76%)



- Cyan (82%)
- Magenta (56%)
- Yellow (0%)
- Black (24%)



- Cyan (86%)
- Magenta (67%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2355C2 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 2355C2 by changing the saturation by 10% instead.

 2355C2

 2355C2

FFFFFF

 003EA6

 6B86FB

 00298B

 8AA0FF

 001771

 A8BBFF

 000058

 C6D7FF

 00073F

 E4F3FF

 000329

 000112

 000000

 2355C2

 2355C2

■ 1048C2

■ 3662C2

■ 003DC2

■ 4A70C2

■ 5D7DC2

■ 718AC2

■ 8497C2

■ 97A5C2

■ ABB2C2

■ BEBFC2

■ D2CDC2

Harmonies

Analogous

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



0068C8



2355C2



8C36A0

Triad

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



2355C2



A33A00



00724B

Complementary

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



2355C2



C29023

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.



006E0B



2355C2



7E5500

Square

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



2355C2



B71239



4C6500



007383

Rectangle

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



2355C2



A91A80



4C6500



007137

Sweetspot

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



2355C2



BDD1FC



23C290



596580



000000



808080

Same Dimension

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



2355C2



0553FC



4023C2



575A61



0033A1



000A21

Inverse Universe

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



C22355



FC0553



A5C223



61575A



A10033



21000A

Previews

White Background



This preview shows how the Hex color 2355C2 looks on a white background.

Color Contrast Check

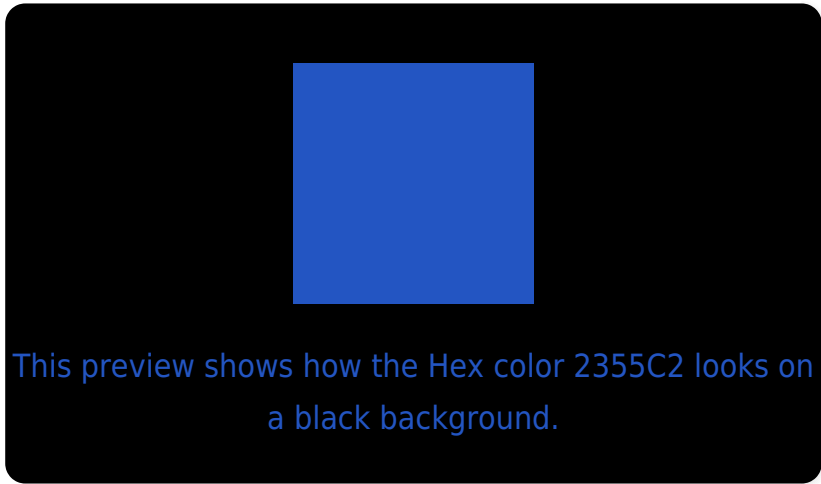
Large Text (above 18pt) WCAG AA ✓ Pass

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

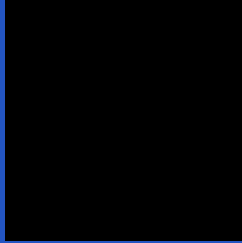
Any Text WCAG AA × Fail

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 2355C2 Background



This preview shows how black text looks on a background with the Hex color 2355C2.



This preview shows how white text looks on a background with the Hex color 2355C2.

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](#).

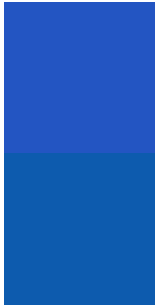
Dichromacy



Original Color
2355C2

Deuteranopia
005EA2

Trichromacy



Original Color
2355C2

Deuteranomaly
0D5BAE

Monochromacy



Original Color
2355C2

Achromatopsia
525252

Achromatomaly
41537B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2355C2 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 #2355C2 looks like.

```
.text, #text, p{  
    color:#2355C2  
}
```

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 #2355C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2355C2
}
```

Border

The CSS property to change the border of an element to Hex 2355C2 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
#2355C2 }
```

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

```
.border{ border-color:#2355C2 }
```

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

Here you see how a box with a 4 pixel #2355C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2355C2; -webkit-box-shadow:4px 4px  
4px 4px #2355C2; box-shadow:4px 4px 4px  
4px #2355C2 }
```

Background

The CSS property to change the background color of an element to Hex 2355C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2355C2 }
```

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

```
.background{ background-color:#2355C2 }
```

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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