

Converting Colors

Hex(2384EE)

Have a look what the booklet for
Hex(2384EE) contains.

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Color

Hex(2384EE)

Conversions

Conversions Part 1

Format	Color
Hex	2384EE
RGB	35, 132, 238
RGB Percent	14%, 52%, 93%
CMY	0.8627, 0.4824, 0.0667
CMYK	0.85, 0.45, 0.00, 0.07
HSL	211°, 86%, 54%
HSV	211°, 85%, 93%
XYZ	24.3770, 23.0329, 84.0499
YIQ	115.0810, -91.8380, 12.4020

Conversions

Conversions Part 2

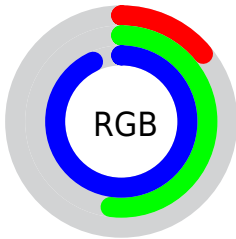
Format	Color
R _Y B	35, 101, 238
Decimal	2327790
CIE Lab	55.11, 11.18, -60.87
CIE LCh	55, 61.888, 280.411
Yxy	23.0329, 0.1854, 0.1752
Android (android.graphics.Color)	4280517870 (0xFF2384EE)
YUV	115.0810, 60.5991, -70.2310
Hunter-Lab	47.9926, 6.6789, -70.2403

Details

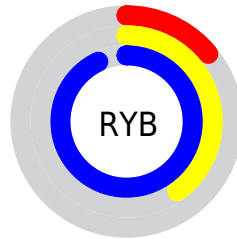
The Hex color **2384EE** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **EE8D23**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **74B8FF**, and **0054B5** is the 20% darker color. If you saturate the color by 10%, you get **0B78EE**, and if you desaturate by 10%, it is **3B90EE**.

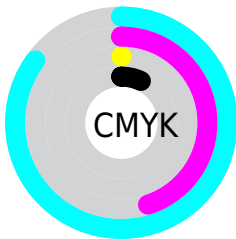
Distribution



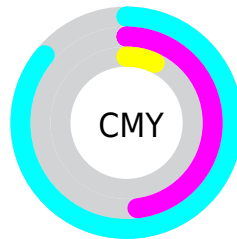
- Red (14%)
- Green (52%)
- Blue (93%)



- Red (14%)
- Yellow (40%)
- Blue (93%)



- Cyan (85%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (86%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2384EE 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 2384EE by changing the saturation by 10% instead.

 2384EE

 2384EE

FFFFFF

 006BD1

 74B8FF

 0054B5

 95D4FF

 003D9A

 B4F0FF

 00297F

 D4FFFF

 001666

 F3FFFF

 000A4D

 000535

 00021F

 000002

■ 2384EE

■ 2384EE

■ 0B78EE

■ 3B90EE

■ 0072EE

■ 539DEE

■ 6AA9EE

■ 82B6EE

■ 9AC2EE

■ B2CFEE

■ CADBEE

■ E1E7EE

■ F9F4EE

Harmonies

Analogous

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



0093E9



2384EE



9E6DD6

Triad

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



2384EE



D95D41



009A5E

Complementary

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



2384EE



EE8D23

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.



51942A



2384EE



BA7412

Square

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



2384EE



E44D73



8D8700



009D96

Rectangle

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



2384EE



C45CBA



8D8700



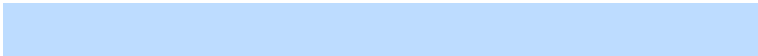
00994C

Sweetspot

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



2384EE



BDDCFF



23EE8C



586B80



000000



808080

Same Dimension

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



2384EE



007AFF



2623EE



6C7278



0058B8



001B38

Inverse Universe

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



EE2384



FF007A



EBEE23



786C72



B80058



38001B

Previews

White Background



This preview shows how the Hex color 2384EE looks on a white background.

Color Contrast Check

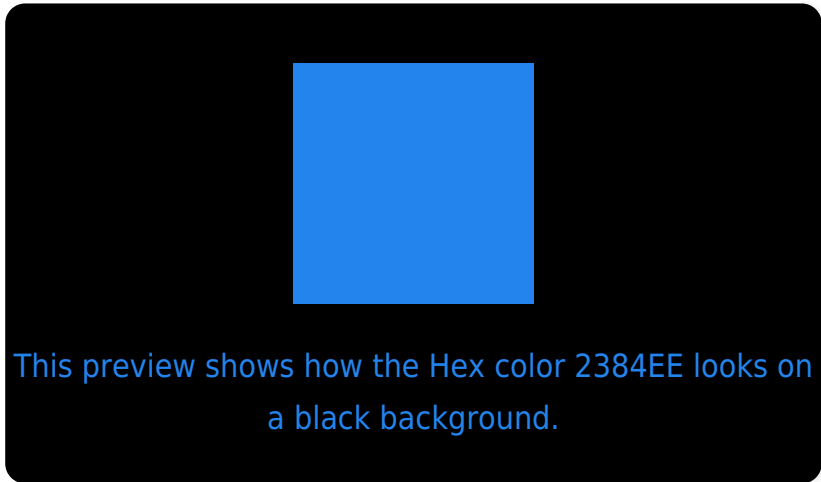
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

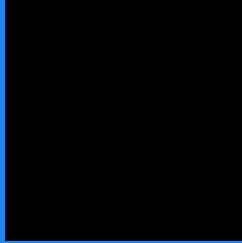
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

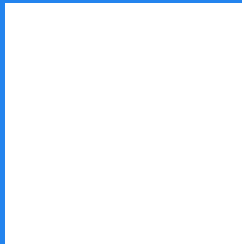
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2384EE Background



This preview shows how black text looks on a background with the Hex color 2384EE.



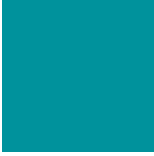
This preview shows how white text looks on a background with the Hex color 2384EE.

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](#).

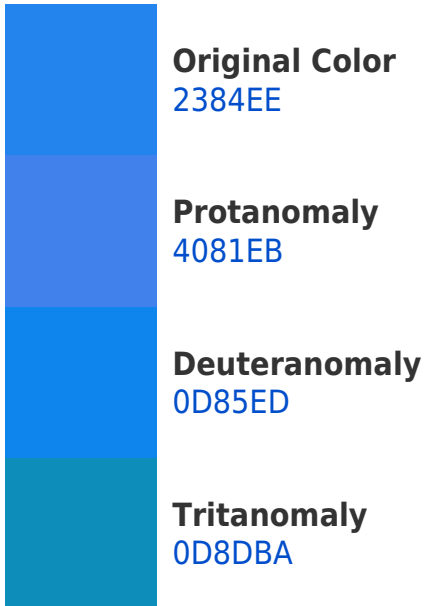
Dichromacy



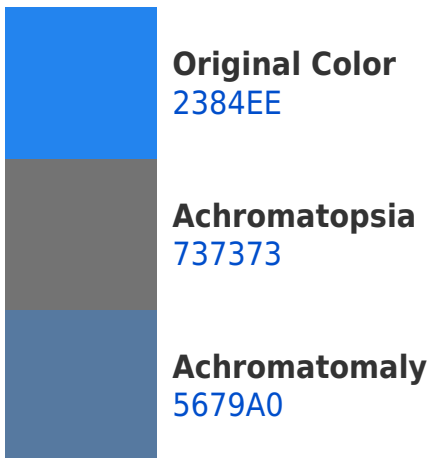


Tritanopia
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2384EE 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 #2384EE looks like.

```
.text, #text, p{  
    color:#2384EE  
}
```

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 #2384EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2384EE
}
```

Border

The CSS property to change the border of an element to Hex 2384EE 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
#2384EE }
```

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

```
.border{ border-color:#2384EE }
```

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

Here you see how a box with a 4 pixel #2384EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2384EE; -webkit-box-shadow:4px 4px  
4px 4px #2384EE; box-shadow:4px 4px 4px  
4px #2384EE }
```

Background

The CSS property to change the background color of an element to Hex 2384EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2384EE }
```

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

```
.background{ background-color:#2384EE }
```

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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