

Converting Colors

Hex(2440EC)

Have a look what the booklet for
Hex(2440EC) contains.

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Color

Hex(2440EC)

Conversions

Conversions Part 1

Format	Color
Hex	2440EC
RGB	36, 64, 236
RGB Percent	14%, 25%, 93%
CMY	0.8588, 0.7490, 0.0745
CMYK	0.85, 0.73, 0.00, 0.07
HSL	232°, 84%, 53%
HSV	232°, 85%, 93%
XYZ	17.7013, 10.0980, 80.3730
YIQ	75.2360, -71.9000, 47.5560

Conversions

Conversions Part 2

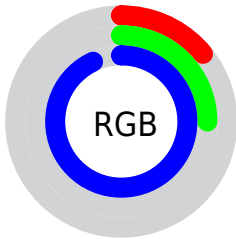
Format	Color
R_{YB}	36, 61, 236
Decimal	2375916
CIE _{Lab}	38.02, 52.70, -87.62
CIE _{LCh}	38, 102.244, 301.026
Yxy	10.0980, 0.1636, 0.0934
Android (android.graphics.Color)	4280565996 (0xFF2440EC)
YUV	75.2360, 79.2567, -34.4100
Hunter-Lab	31.7773, 43.8215, -127.7155

Details

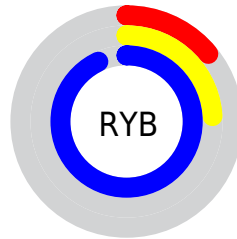
The Hex color **2440EC** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **ECD024**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7971FF**, and **0013B3** is the 20% darker color. If you saturate the color by 10%, you get **0C2CEC**, and if you desaturate by 10%, it is **3C54EC**.

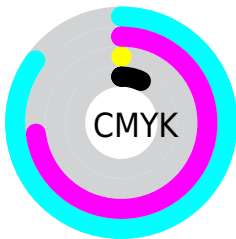
Distribution



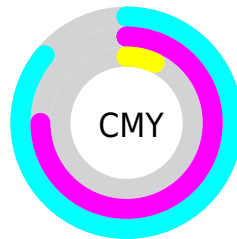
- Red (14%)
- Green (25%)
- Blue (93%)



- Red (14%)
- Yellow (24%)
- Blue (93%)



- Cyan (85%)
- Magenta (73%)
- Yellow (0%)
- Black (7%)



- Cyan (86%)
- Magenta (75%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2440EC 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 2440EC by changing the saturation by 10% instead.

 2440EC

 2440EC

FFFFFF

 0029CF

 7971FF

 0013B3

 9A8BFF

 000297

 BAA6FF

 00007C

 DAC1FF

 000E62

 FADDFE

 000949

 FFFAFF

 000431

 00011C

 000000

■ 2440EC

■ 2440EC

■ 0C2CEC

■ 3C54EC

■ 0021EC

■ 5369EC

■ 6B7DEC

■ 8291EC

■ 9AA5EC

■ B2BAEC

■ C9CEEC

■ E1E2EC

■ F8F7EC

Harmonies

Analogous

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



0067FF



2440EC



B700AC

Triad

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



2440EC



AA2A00



00755B

Complementary

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



2440EC



ECD024

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.



007200



2440EC



6C5800

Square

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



2440EC



D30009



006B00



0077AF

Rectangle

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



2440EC



D60076



006B00



00743D

Sweetspot

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



2440EC



BFC8FF



24ECCE



595F80



000000



808080

Same Dimension

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



2440EC



0024FF



6A24EC



6A6B75



0019B5



000736

Inverse Universe

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



EC2440



FF0024



A6EC24



756A6B



B50019



360007

Previews

White Background



This preview shows how the Hex color 2440EC looks on a white background.

Color Contrast Check

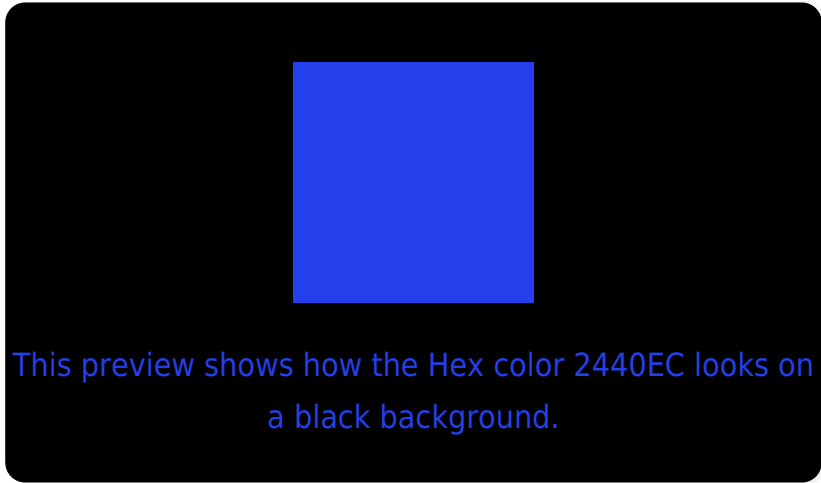
Large Text (above 18pt) WCAG AA ✓ Pass

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

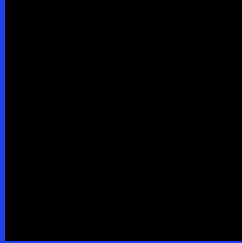
Any Text WCAG AA × Fail

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 2440EC Background



This preview shows how black text looks on a background with the Hex color 2440EC.

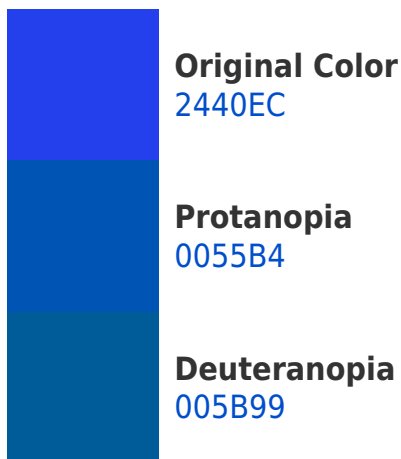


This preview shows how white text looks on a background with the Hex color 2440EC.

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
2440EC

Protanomaly
0D4DC8

Deuteranomaly
0D51B7

Tritanomaly
0D5698

Monochromacy



Original Color
2440EC

Achromatopsia
4B4B4B

Achromatomaly
3D4786

CSS Examples

Text

The CSS property to change the color of the text to Hex 2440EC 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 #2440EC looks like.

```
.text, #text, p{  
  color:#2440EC  
}
```

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 #2440EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2440EC
}
```

Border

The CSS property to change the border of an element to Hex 2440EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

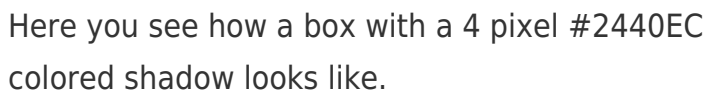
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2440EC }
```

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

```
.border{ border-color:#2440EC }
```

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



Here you see how a box with a 4 pixel #2440EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2440EC; -webkit-box-shadow:4px 4px  
4px 4px #2440EC; box-shadow:4px 4px 4px  
4px #2440EC }
```

Background

The CSS property to change the background color of an element to Hex 2440EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2440EC }
```

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

```
.background{ background-color:#2440EC }
```

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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