

Converting Colors

Hex(244EB0)

Have a look what the booklet for
Hex(244EB0) contains.

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Color

Hex(244EB0)

Conversions

Conversions Part 1

Format	Color
Hex	244EB0
RGB	36, 78, 176
RGB Percent	14%, 31%, 69%
CMY	0.8588, 0.6941, 0.3098
CMYK	0.80, 0.56, 0.00, 0.31
HSL	222°, 66%, 42%
HSV	222°, 80%, 69%
XYZ	11.2884, 8.9584, 42.2085
YIQ	76.6140, -56.4900, 21.5740

Conversions

Conversions Part 2

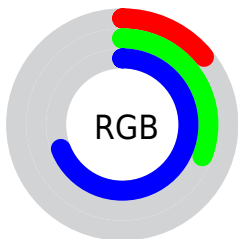
Format	Color
R_{YB}	36, 68, 176
Decimal	2379440
CIE _{Lab}	35.90, 22.05, -56.34
CIE _{LCh}	36, 60.500, 291.373
Y _{xy}	8.9584, 0.1807, 0.1434
Android (android.graphics.Color)	4280569520 (0xFF244EB0)
Y_{UV}	76.6140, 48.9973, -35.6185
Hunter-Lab	29.9306, 14.9431, -62.6599

Details

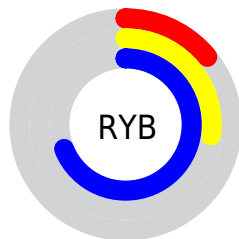
The Hex color **244EB0** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B08624**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **687EE8**, and **00237A** is the 20% darker color. If you saturate the color by 10%, you get **1242B0**, and if you desaturate by 10%, it is **365AB0**.

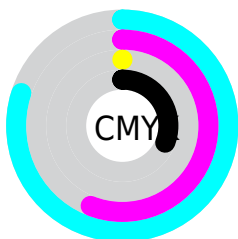
Distribution



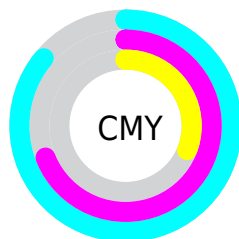
- Red (14%)
- Green (31%)
- Blue (69%)



- Red (14%)
- Yellow (27%)
- Blue (69%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244EB0 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 244EB0 by changing the saturation by 10% instead.

■ 244EB0

■ 244EB0

FFFFFF

■ 003895

■ 687EE8

■ 00237A

■ 8598FF

■ 001061

■ A3B3FF

■ 000548

■ C0CEFF

■ 000431

■ DEEAFF

■ 00011B

■ FCFFFF

■ 000000

■ 244EB0

■ 244EB0

■ 1242B0

■ 365AB0

0135B0

4767B0

0035B0

5973B0

6A7FB0

7C8CB0

8E98B0

9FA4B0

B1B1B0

C2BDB0

Harmonies

Analogous

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



005FB5



244EB0



7F3392

Triad

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



244E80



943600



006844

Complementary

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



244EB0



B08624

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.



00640D



244EB0



734D00

Square

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



244EB0



A61635



475C00



006977

Rectangle

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



244EB0



9A1C75



475C00



006733

Sweetspot

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



244EB0



AEBFE6



24B086



515B73



F2F2F2



737373

Same Dimension

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



244EB0



0B4DE6



4024B0



505359



002E99



00081A

Inverse Universe

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



B0244E



E60B4D



94B024



595053



99002E



1A0008

Previews

White Background



This preview shows how the Hex color 244EB0 looks on a white background.

Color Contrast Check

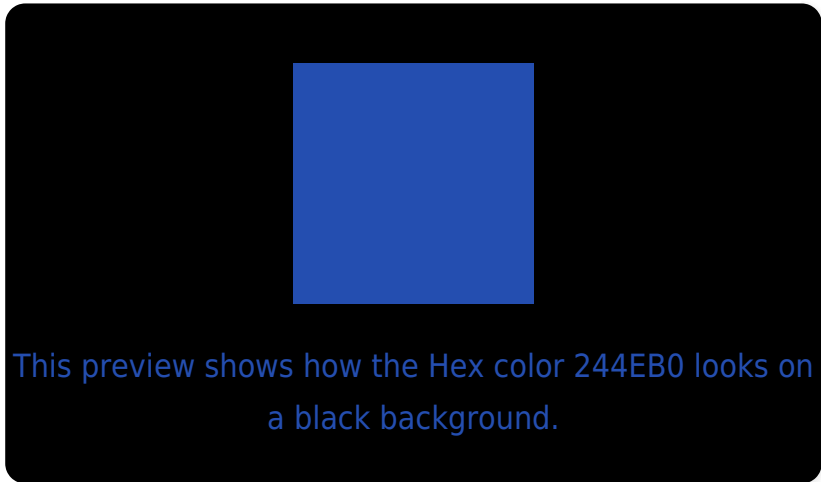
Large Text (above 18pt) WCAG AA ✓ Pass

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

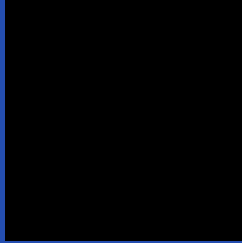
Any Text WCAG AA × Fail

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 244EB0 Background



This preview shows how black text looks on a background with the Hex color 244EB0.



This preview shows how white text looks on a background with the Hex color 244EB0.

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
244EB0

Protanopia
0051AC

Deuteranopia
005694



Tritanopia
005D64

Trichromacy



Original Color
244EB0

Protanomaly
0D50AD

Deuteranomaly
0D539E

Tritanomaly
0D5880

Monochromacy



Original Color
244EB0

Achromatopsia
4D4D4D

Achromatomaly
3E4D71

CSS Examples

Text

The CSS property to change the color of the text to Hex 244EB0 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 #244EB0 looks like.

```
.text, #text, p{  
    color:#244EB0  
}
```

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 #244EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244EB0
}
```

Border

The CSS property to change the border of an element to Hex 244EB0 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".

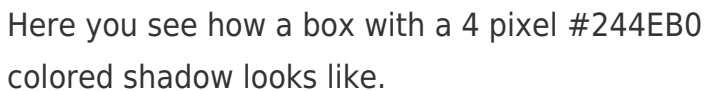
```
.border, #border, table{ border:4px solid
#244EB0 }
```

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

```
.border{ border-color:#244EB0 }
```

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

Here you see how a box with a 4 pixel #244EB0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244EB0; -webkit-box-shadow:4px 4px  
4px 4px #244EB0; box-shadow:4px 4px 4px  
4px #244EB0 }
```

Background

The CSS property to change the background color of an element to Hex 244EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244EB0 }
```

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

```
.background{ background-color:#244EB0 }
```

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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