Converting Colors

Hex(257EB8)

Have a look what the booklet for Hex(257EB8) contains.

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Color

Hex(257EB8)

Conversions

Conversions Part 1

Format	Color
Hex	257EB8
RGB	37, 126, 184
RGB Percent	15%, 49%, 72%
CMY	0.8549, 0.5059, 0.2784
CMYK	0.80, 0.32, 0.00, 0.28
HSL	204°, 67%, 43%
HSV	204°, 80%, 72%
XYZ	16.8755, 18.7757, 48.0820
YIQ	106.0010, -71.6620, -0.8300

Conversions

Conversions Part 2

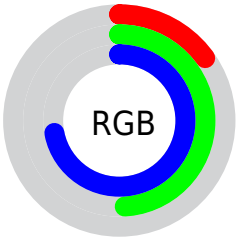
Format	Color
RYB	37, 92, 184
Decimal	2457272
CIELab	50.42, -5.29, -37.78
CIELCh	50, 38.146, 262.035
Yxy	18.7757, 0.2015, 0.2242
Android (android.graphics.Color)	4280647352 (0xFF257EB8)
YUV	106.0010, 38.4535, -60.5139
Hunter-Lab	43.3310, -6.3111, -35.4593

Details

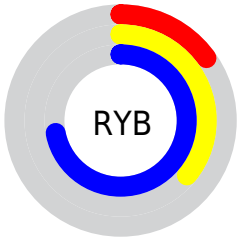
The Hex color 257EB8 is a dark color, and the websafe version is hex 006699. A complement of this color would be B85F25, and the grayscale version is 6A6A6A.

A 20% lighter version of the original color is 69B2F0, and 004D83 is the 20% darker color. If you saturate the color by 10%, you get 1377B8, and if you desaturate by 10%, it is 3785B8.

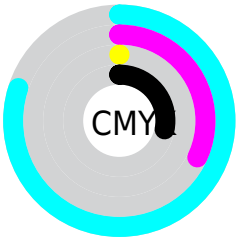
Distribution



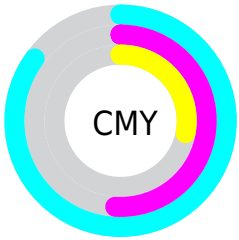
- Red (15%)
- Green (49%)
- Blue (72%)



- Red (15%)
- Yellow (36%)
- Blue (72%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (28%)



- Cyan (85%)
- Magenta (51%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257EB8 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 257EB8 by changing the saturation by 10% instead.

257EB8

FFFFFF

69B2F0

87CEFF

A5EAFF

C2FFFF

E0FFFF

FEFFFF

257EB8

00659D

004D83

003769

002251

000839

000223

00000A

000000

257EB8

257EB8

1377B8

006FB8

3785B8

4A8DB8

5C94B8

6F9BB8

81A2B8

93AAB8

A6B1B8

B8B8B8

CBBFB8

Harmonies

Analogous

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

0085AA

257EB8

6D73B4

Triad

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

257EB8

B55E61

4D844F

Complementary

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

257EB8

B85F25

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.

747D39

257EB8

AA6746

Square

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

257EB8

B05E82

937336

04886E

Rectangle

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

257EB8

8C6AA8

937336

5B8346

Sweetspot

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

257EB8

B6D9F0

25B85D

556A78

F7F7F7

787878

Same Dimension

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

257EB8

0A95F0

2536B8

53585C

005E9C

00111C

Inverse Universe

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

B8257E

F00A95

B8A725

5C5358

9C005E

1C0011

Previews

White Background

This preview shows how the Hex color 257EB8 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

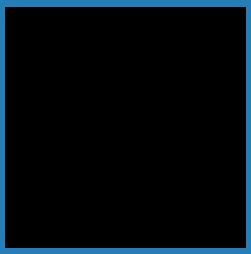
This preview shows how the Hex color 257EB8 looks on a black background.

Color Contrast Check

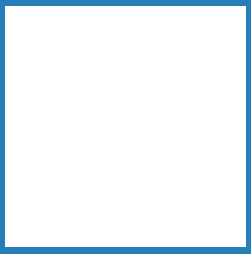
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 257EB8 Background



This preview shows how black text looks on a background with the Hex color 257EB8.



This preview shows how white text looks on a background with the Hex color 257EB8.

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
257EB8

Protanopia
6375B1

Deuteranopia
5577BA

Tritanopia
00858F

Trichromacy

Original Color
257EB8

Protanomaly
4C78B4

Deuteranomaly
447AB9

Tritanomaly
0D829E

Monochromacy

Original Color
257EB8

Achromatopsia
6A6A6A

Achromatomaly
517186

CSS Examples

Text

The CSS property to change the color of the text to Hex 257EB8 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 #257EB8 looks like.

```
.text, #text, p{
    color:#257EB8
}
```

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 #257EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257EB8
}
```

Border

The CSS property to change the border of an element to Hex 257EB8 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
#257EB8 }
```

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

```
.border{ border-color:#257EB8 }
```

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

Here you see how a box with a 4 pixel #257EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #257EB8; -webkit-box-shadow:4px 4px 4px 4px #257EB8; box-shadow:4px 4px 4px 4px #257EB8 }
```

Background

The CSS property to change the background color of an element to Hex 257EB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#257EB8 }
```

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

```
.background{ background-color:#257EB8 }
```

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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