

Converting Colors

Hex(236BCC)

Have a look what the booklet for
Hex(236BCC) contains.

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Color

Hex(236BCC)

Conversions

Conversions Part 1

Format	Color
Hex	236BCC
RGB	35, 107, 204
RGB Percent	14%, 42%, 80%
CMY	0.8627, 0.5804, 0.2000
CMYK	0.83, 0.48, 0.00, 0.20
HSL	214°, 71%, 47%
HSV	214°, 83%, 80%
XYZ	16.8499, 15.2323, 59.1788
YIQ	96.5300, -74.0490, 14.9030

Conversions

Conversions Part 2

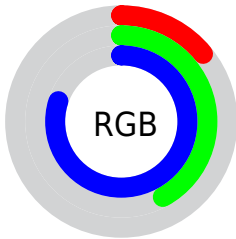
Format	Color
R_{YB}	35, 85, 204
Decimal	2321356
CIE _{Lab}	45.95, 13.85, -56.41
CIE _{LCh}	46, 58.081, 283.798
Yxy	15.2323, 0.1846, 0.1669
Android (android.graphics.Color)	4280511436 (0xFF236BCC)
YUV	96.5300, 52.9827, -53.9618
Hunter-Lab	39.0286, 8.7640, -62.5809

Details

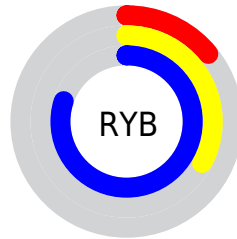
The Hex color **236BCC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CC8423**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6D9EFF**, and **003D95** is the 20% darker color. If you saturate the color by 10%, you get **0F5FCC**, and if you desaturate by 10%, it is **3777CC**.

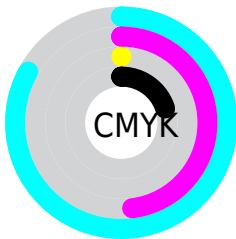
Distribution



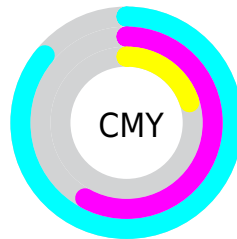
- Red (14%)
- Green (42%)
- Blue (80%)



- Red (14%)
- Yellow (33%)
- Blue (80%)



- Cyan (83%)
- Magenta (48%)
- Yellow (0%)
- Black (20%)



- Cyan (86%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 236BCC 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 236BCC by changing the saturation by 10% instead.

■ 236BCC

■ 236BCC

FFFFFF

■ 0053B0

■ 6D9EFF

■ 003D95

■ 8CB8FF

■ 00287B

■ AAD4FF

■ 001561

■ C8F0FF

■ 000848

■ E7FFFF

■ 000431

■ 00011B

■ 000000

■ 236BCC

■ 236BCC

■ 0F5FCC

■ 3777CC

■ 0057CC

■ 4C82CC

■ 608ECC

■ 759ACC

■ 89A6CC

■ 9DB1CC

■ B2BDCC

■ C6C9CC

■ DBD4CC

Harmonies

Analogous

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



007ACA



236BCC



8B55B4

Triad

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



236BCC



B74B2B



008150

Complementary

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



236BCC



CC8423

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.



347C1E



236BCC



996100

Square

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



236BCC



C33959



6E7200



008383

Rectangle

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



236BCC



AB4599



6E7200



00803F

Sweetspot

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



236BCC



BFDAFF



23CC83



596A80



000000



808080

Same Dimension

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



236BCC



036EFF



2E23CC



5C6066



0047A6



001026

Inverse Universe

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



CC236B



FF036E



C1CC23



665C60



A60047



260010

Previews

White Background



This preview shows how the Hex color 236BCC looks on a white background.

Color Contrast Check

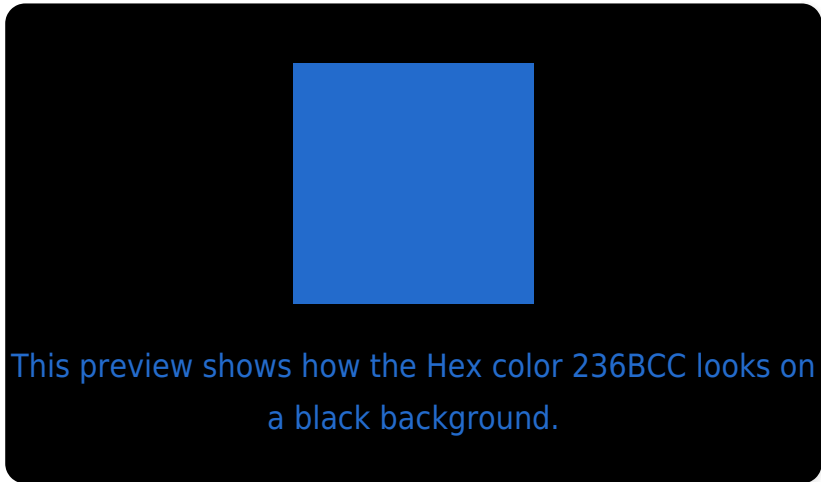
Large Text (above 18pt) WCAG AA ✓ Pass

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

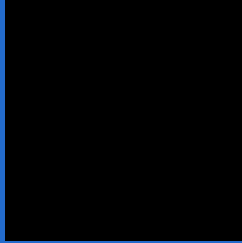
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

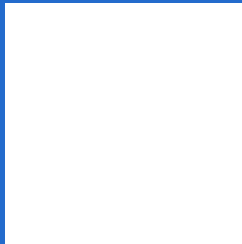
Any Text WCAG AAA × Fail

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

Hex 236BCC Background



This preview shows how black text looks on a background with the Hex color 236BCC.



This preview shows how white text looks on a background with the Hex color 236BCC.

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
236BCC

Protanomaly
316ACB

Tritanomaly
0D739C

Monochromacy



Original Color
236BCC

Achromatopsia
616161

Achromatomaly
4A6588

CSS Examples

Text

The CSS property to change the color of the text to Hex 236BCC 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 #236BCC looks like.

```
.text, #text, p{  
    color:#236BCC  
}
```

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 #236BCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #236BCC
}
```

Border

The CSS property to change the border of an element to Hex 236BCC 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
#236BCC }
```

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

```
.border{ border-color:#236BCC }
```

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

Here you see how a box with a 4 pixel #236BCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #236BCC; -webkit-box-shadow:4px 4px  
4px 4px #236BCC; box-shadow:4px 4px 4px  
4px #236BCC }
```

Background

The CSS property to change the background color of an element to Hex 236BCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#236BCC }
```

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

```
.background{ background-color:#236BCC }
```

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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