

Converting Colors

Hex(225EB5)

Have a look what the booklet for
Hex(225EB5) contains.

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Color

Hex(225EB5)

Conversions

Conversions Part 1

Format	Color
Hex	225EB5
RGB	34, 94, 181
RGB Percent	13%, 37%, 71%
CMY	0.8667, 0.6314, 0.2902
CMYK	0.81, 0.48, 0.00, 0.29
HSL	216°, 68%, 42%
HSV	216°, 81%, 71%
XYZ	13.0029, 11.6817, 45.2855
YIQ	85.9780, -63.6870, 14.3370

Conversions

Conversions Part 2

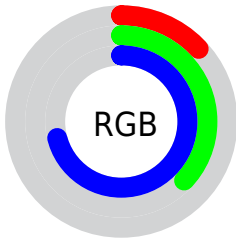
Format	Color
RYB	34, 77, 181
Decimal	2252469
CIELab	40.71, 13.21, -51.52
CIELCh	41, 53.189, 284.384
Yxy	11.6817, 0.1858, 0.1670
Android (android.graphics.Color)	4280442549 (0xFF225EB5)
YUV	85.9780, 46.8458, -45.5847
Hunter-Lab	34.1785, 8.0963, -54.6327

Details

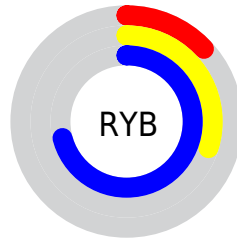
The Hex color **225EB5** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B57922**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6790EE**, and **00317F** is the 20% darker color. If you saturate the color by 10%, you get **1053B5**, and if you desaturate by 10%, it is **3469B5**.

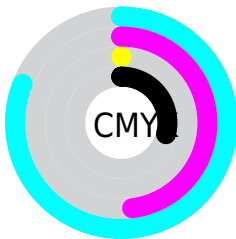
Distribution



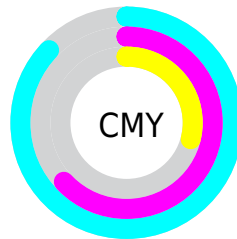
- Red (13%)
- Green (37%)
- Blue (71%)



- Red (13%)
- Yellow (30%)
- Blue (71%)



- Cyan (81%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (87%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225EB5 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 225EB5 by changing the saturation by 10% instead.

■ 225EB5

■ 225EB5

FFFFFF

■ 00479A

■ 6790EE

■ 00317F

■ 85AAFF

■ 001D66

■ A2C5FF

■ 00024D

■ C0E1FF

■ 000535

■ DEFEFF

■ 00021F

■ FCFFFF

■ 000002

■ 000000

■ 225EB5

■ 225EB5

■ 1053B5

■ 3469B5

■ 004AB5

■ 4673B5

■ 587EB5

■ 6A89B5

■ 7D94B5

■ 8F9EB5

■ A1A9B5

■ B3B4B5

■ C5BEB5

Harmonies

Analogous

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



006BB4



225EB5



7C4A9F

Triad

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



225EB5



A24224



007247

Complementary

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



225EB5



B57922

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.



2C6E1A



225EB5



875600

Square

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



225EB5



AD324D



616400



007474

Rectangle

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



225EB5



993C86



616400



007138

Sweetspot

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



225EB5



B2C9EB



22B578



536175



F5F5F5



757575

Same Dimension

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



225EB5



0764EB



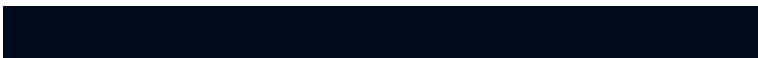
2E22B5



505459



003E99



000A1A

Inverse Universe

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



B5225E



EB0764



A9B522



595054



99003E



1A000A

Previews

White Background



This preview shows how the Hex color 225EB5 looks on a white background.

Color Contrast Check

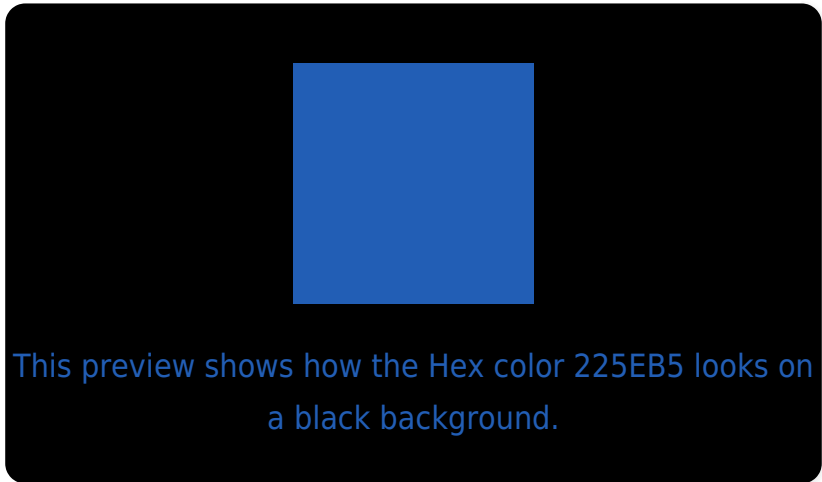
Large Text (above 18pt) WCAG AA ✓ Pass

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

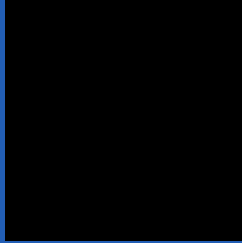
Any Text WCAG AA × Fail

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 225EB5 Background



This preview shows how black text looks on a background with the Hex color 225EB5.

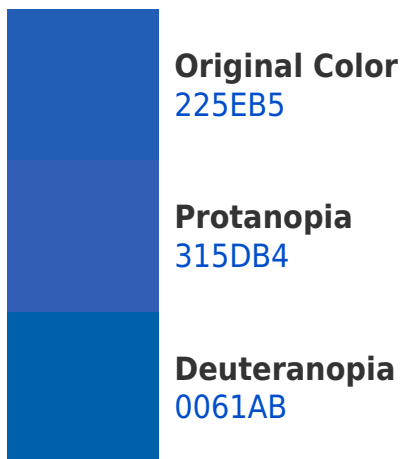


This preview shows how white text looks on a background with the Hex color 225EB5.

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](#).

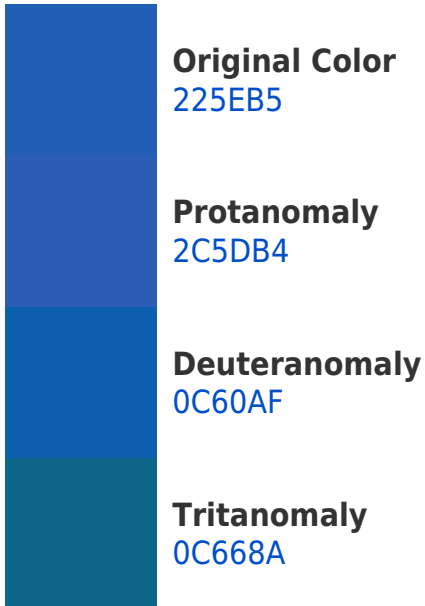
Dichromacy



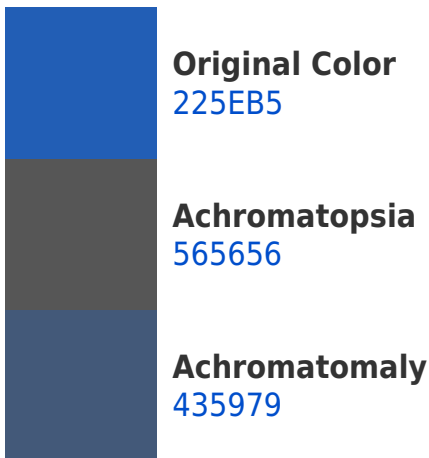


Tritanopia
006A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 225EB5 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 #225EB5 looks like.

```
.text, #text, p{  
    color:#225EB5  
}
```

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 #225EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225EB5
}
```

Border

The CSS property to change the border of an element to Hex 225EB5 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
#225EB5 }
```

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

```
.border{ border-color:#225EB5 }
```

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

Here you see how a box with a 4 pixel #225EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225EB5; -webkit-box-shadow:4px 4px  
4px 4px #225EB5; box-shadow:4px 4px 4px  
4px #225EB5 }
```

Background

The CSS property to change the background color of an element to Hex 225EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225EB5 }
```

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

```
.background{ background-color:#225EB5 }
```

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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