

Converting Colors

Hex(3255CE)

Have a look what the booklet for
Hex(3255CE) contains.

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Color

Hex(3255CE)

Conversions

Conversions Part 1

Format	Color
Hex	3255CE
RGB	50, 85, 206
RGB Percent	20%, 33%, 81%
CMY	0.8039, 0.6667, 0.1922
CMYK	0.76, 0.59, 0.00, 0.19
HSL	227°, 61%, 50%
HSV	227°, 76%, 81%
XYZ	15.7045, 11.6313, 59.8099
YIQ	88.3290, -59.7010, 30.2110

Conversions

Conversions Part 2

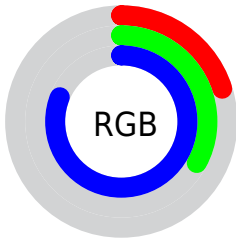
Format	Color
R _Y B	50, 79, 206
Decimal	3298766
CIE Lab	40.62, 30.30, -66.17
CIE LCh	41, 72.774, 294.603
Yxy	11.6313, 0.1802, 0.1335
Android (android.graphics.Color)	4281488846 (0xFF3255CE)
YUV	88.3290, 58.0118, -33.6145
Hunter-Lab	34.1048, 22.5119, -80.1042

Details

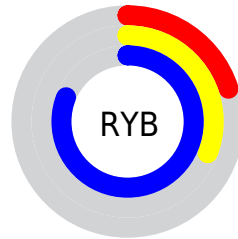
The Hex color **3255CE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CEAB32**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7786FF**, and **002997** is the 20% darker color. If you saturate the color by 10%, you get **1D45CE**, and if you desaturate by 10%, it is **4765CE**.

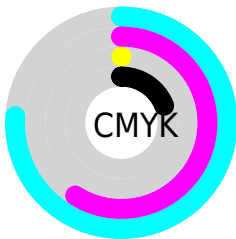
Distribution



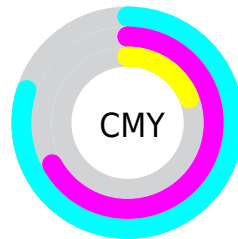
- Red (20%)
- Green (33%)
- Blue (81%)



- Red (20%)
- Yellow (31%)
- Blue (81%)



- Cyan (76%)
- Magenta (59%)
- Yellow (0%)
- Black (19%)



- Cyan (80%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3255CE 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 3255CE by changing the saturation by 10% instead.

 3255CE

 3255CE

FFFFFF

 003EB2

 7786FF

 002997

 95A0FF

 00167C

 B3BBFF

 000062

 D2D7FF

 000949

 F0F3FF

 000432

 00011C

 000000

 3255CE

 3255CE

■ 1D45CE

■ 4765CE

■ 0935CE

■ 5B75CE

■ 002ECE

■ 7085CE

■ 8495CE

■ 99A5CE

■ AEB5CE

■ C2C5CE

■ D7D5CE

■ EBE5CE

Harmonies

Analogous

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



006BD8



3255CE



9A2EA6

Triad

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



3255CE



A93C00



007753

Complementary

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



3255CE



CEAB32

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.



00730B



3255CE



7F5A00

Square

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



3255CE



C10033



466B00



007890

Rectangle

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



3255CE



B80081



466B00



00763E

Sweetspot

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



3255CE



C4D2FF



32CEAA



5C6480



000000



808080

Same Dimension

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



3255CE



174BFF



5C32CE



5C5E66



0025A6



000926

Inverse Universe

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



CE3255



FF174B



A4CE32



665C5E



A60025



260009

Previews

White Background



This preview shows how the Hex color 3255CE looks on a white background.

Color Contrast Check

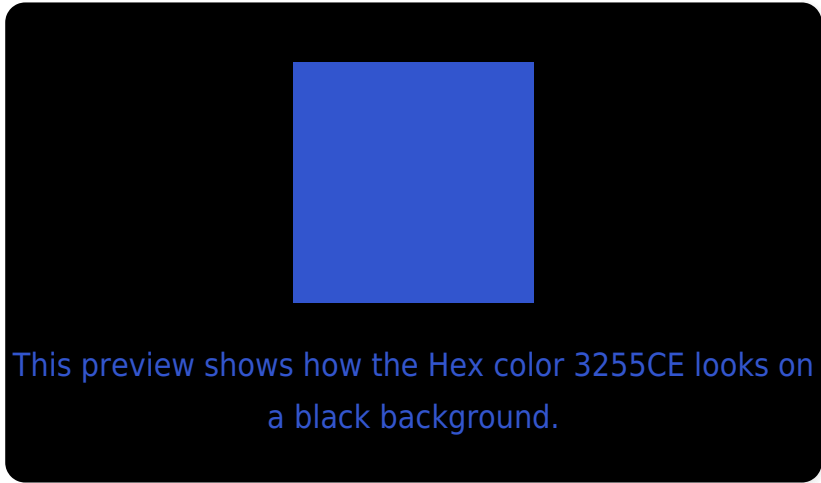
Large Text (above 18pt) WCAG AA ✓ Pass

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

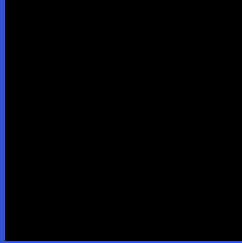
Any Text WCAG AA × Fail

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 3255CE Background



This preview shows how black text looks on a background with the Hex color 3255CE.

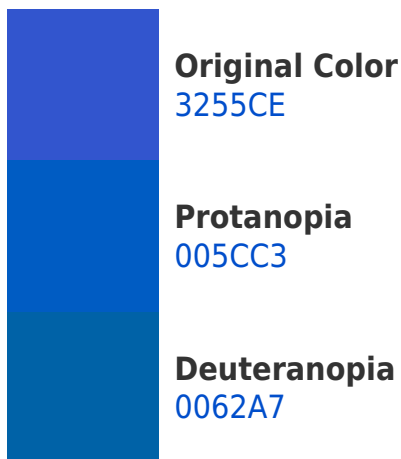


This preview shows how white text looks on a background with the Hex color 3255CE.

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](#).

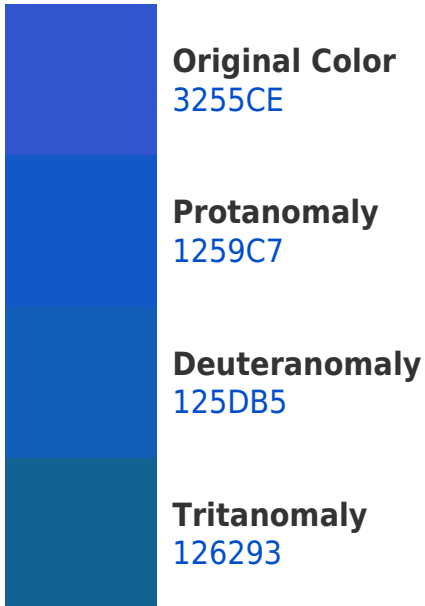
Dichromacy





Tritanopia
006A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3255CE 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 #3255CE looks like.

```
.text, #text, p{  
    color:#3255CE  
}
```

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 #3255CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3255CE
}
```

Border

The CSS property to change the border of an element to Hex 3255CE 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
#3255CE }
```

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

```
.border{ border-color:#3255CE }
```

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

Here you see how a box with a 4 pixel #3255CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3255CE; -webkit-box-shadow:4px 4px  
4px 4px #3255CE; box-shadow:4px 4px 4px  
4px #3255CE }
```

Background

The CSS property to change the background color of an element to Hex 3255CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3255CE }
```

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

```
.background{ background-color:#3255CE }
```

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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