

Converting Colors

Hex(3271E6)

Have a look what the booklet for
Hex(3271E6) contains.

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Color

Hex(3271E6)

Conversions

Conversions Part 1

Format	Color
Hex	3271E6
RGB	50, 113, 230
RGB Percent	20%, 44%, 90%
CMY	0.8039, 0.5569, 0.0980
CMYK	0.78, 0.51, 0.00, 0.10
HSL	219°, 78%, 55%
HSV	219°, 78%, 90%
XYZ	21.5034, 18.2015, 77.2428
YIQ	107.5010, -75.1050, 23.0310

Conversions

Conversions Part 2

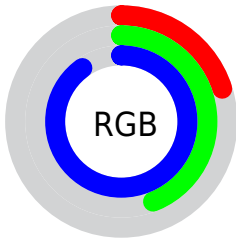
Format	Color
R _Y B	50, 97, 230
Decimal	3305958
CIE Lab	49.74, 21.31, -65.03
CIE LCh	50, 68.431, 288.142
Yxy	18.2015, 0.1839, 0.1556
Android (android.graphics.Color)	4281496038 (0xFF3271E6)
YUV	107.5010, 60.3920, -50.4284
Hunter-Lab	42.6633, 15.3082, -77.4816

Details

The Hex color **3271E6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **E6A732**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7BA4FF**, and **0042AD** is the 20% darker color. If you saturate the color by 10%, you get **1B62E6**, and if you desaturate by 10%, it is **4980E6**.

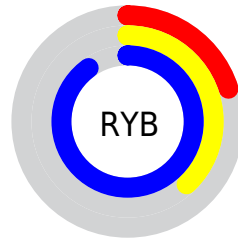
Distribution



Red (20%)

Green (44%)

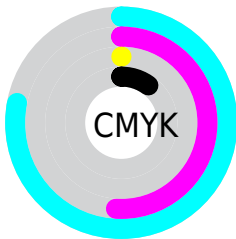
Blue (90%)



Red (20%)

Yellow (38%)

Blue (90%)

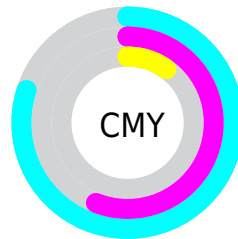


Cyan (78%)

Magenta (51%)

Yellow (0%)

Black (10%)



Cyan (80%)

Magenta (56%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3271E6 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 3271E6 by changing the saturation by 10% instead.

 3271E6

 3271E6

FFFFFF

 0059C9

 7BA4FF

 0042AD

 9ABFFF

 002D92

 B9DBFF

 001B78

 D8F7FF

 00005E

 F7FFFF

 000846

 00042E

 000119

 000000

■ 3271E6

■ 3271E6

■ 1B62E6

■ 4980E6

■ 0453E6

■ 608FE6

■ 0051E6

■ 779EE6

■ 8EADE6

■ A5BCE6

■ BCCBE6

■ D3DAE6

■ EAE9E6

■ FFF8E6

Harmonies

Analogous

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



0084E9



3271E6



A354C5

Triad

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



3271E6



C9501E



008E5C

Complementary

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



3271E6



E6A732

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.



17891E



3271E6



A26B00

Square

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



3271E6



DB3456



6E7E00



009099

Rectangle

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



3271E6



C63FA3



6E7E00



008D48

Sweetspot

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



3271E6



C4D9FF



32E6A7



5C6880



000000



808080

Same Dimension

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



3271E6



0F63FF



4D32E6



676B73



003EB3



001233

Inverse Universe

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



E63271



FF0F63



CBE632



73676B



B3003E



330012

Previews

White Background



This preview shows how the Hex color 3271E6 looks on a white background.

Color Contrast Check

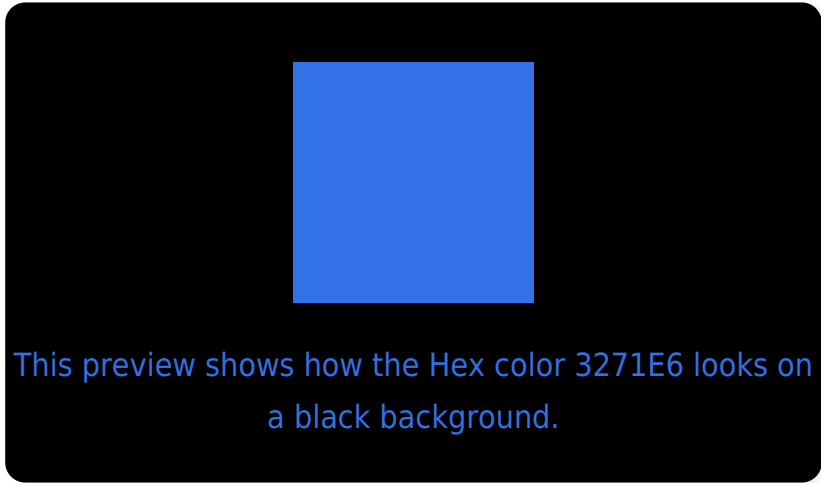
Large Text (above 18pt) WCAG AA ✓ Pass

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

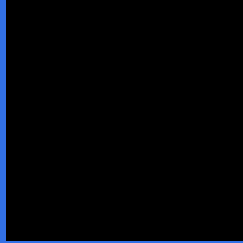
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

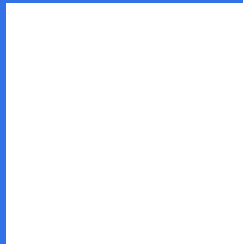
Any Text WCAG AAA × Fail

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

Hex 3271E6 Background



This preview shows how black text looks on a background with the Hex color 3271E6.



This preview shows how white text looks on a background with the Hex color 3271E6.

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](#).

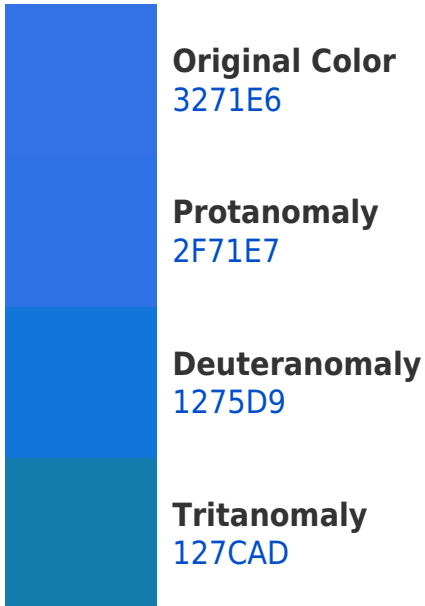
Dichromacy



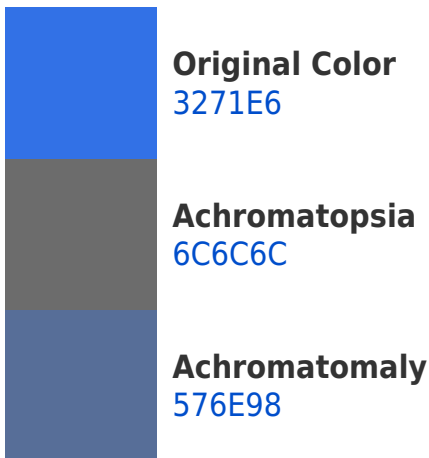


Tritanopia
00838C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3271E6 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 #3271E6 looks like.

```
.text, #text, p{  
    color:#3271E6  
}
```

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 #3271E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3271E6
}
```

Border

The CSS property to change the border of an element to Hex 3271E6 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
#3271E6 }
```

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

```
.border{ border-color:#3271E6 }
```

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

Here you see how a box with a 4 pixel #3271E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3271E6; -webkit-box-shadow:4px 4px  
4px 4px #3271E6; box-shadow:4px 4px 4px  
4px #3271E6 }
```

Background

The CSS property to change the background color of an element to Hex 3271E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3271E6 }
```

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

```
.background{ background-color:#3271E6 }
```

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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