

Converting Colors

Hex(3372E3)

Have a look what the booklet for
Hex(3372E3) contains.

Hex(3372E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3372E3)

Conversions

Conversions Part 1

Format	Color
Hex	3372E3
RGB	51, 114, 227
RGB Percent	20%, 45%, 89%
CMY	0.8000, 0.5529, 0.1098
CMYK	0.78, 0.50, 0.00, 0.11
HSL	219°, 76%, 55%
HSV	219°, 78%, 89%
XYZ	21.2477, 18.2845, 75.0824
YIQ	108.0450, -73.8210, 21.7870

Conversions

Conversions Part 2

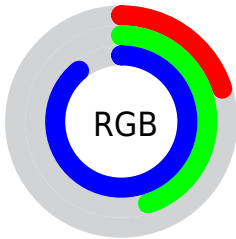
Format	Color
R _Y B	51, 97, 227
Decimal	3371747
CIE Lab	49.84, 19.66, -63.18
CIE LCh	50, 66.168, 287.289
Yxy	18.2845, 0.1854, 0.1595
Android (android.graphics.Color)	4281561827 (0xFF3372E3)
YUV	108.0450, 58.6448, -50.0285
Hunter-Lab	42.7604, 13.8663, -74.1744

Details

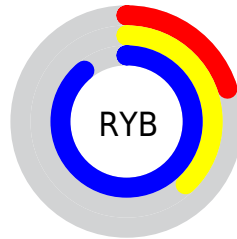
The Hex color **3372E3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **E3A433**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7AA5FF**, and **0043AB** is the 20% darker color. If you saturate the color by 10%, you get **1C63E3**, and if you desaturate by 10%, it is **4A81E3**.

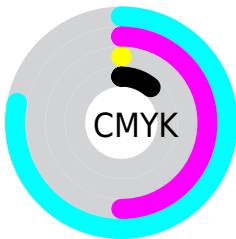
Distribution



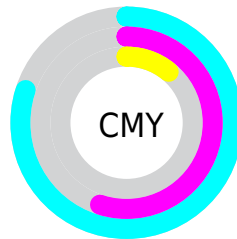
- Red (20%)
- Green (45%)
- Blue (89%)



- Red (20%)
- Yellow (38%)
- Blue (89%)



- Cyan (78%)
- Magenta (50%)
- Yellow (0%)
- Black (11%)



- Cyan (80%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3372E3 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 3372E3 by changing the saturation by 10% instead.

 3372E3

 3372E3

FFFFFF

 005AC7

 7AA5FF

 0043AB

 9AC0FF

 002E90

 B8DCFF

 001B75

 D7F8FF

 00005C

 F6FFFF

 000743

 00032C

 000116

 000000

■ 3372E3

■ 3372E3

■ 1C63E3

■ 4A81E3

■ 0655E3

■ 608FE3

■ 0051E3

■ 779EE3

■ 8EACE3

■ A4BBE3

■ BBC9E3

■ D2D8E3

■ E9E7E3

■ FFF5E3

Harmonies

Analogous

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



0084E5



3372E3



A157C4

Triad

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



3372E3



C85123



008E5C

Complementary

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



3372E3



E3A433

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.



248920



3372E3



A36B00

Square

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



3372E3



D93859



717E00



009096

Rectangle

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



3372E3



C343A3



717E00



008D48

Sweetspot

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



3372E3



C4D9FF



33E3A2



5C6980



000000



808080

Same Dimension

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



3372E3



1267FF



4A33E3



676B73



0040B3



001233

Inverse Universe

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



E33372



FF1267



CCE333



73676B



B30040



330012

Previews

White Background



This preview shows how the Hex color 3372E3 looks on a white background.

Color Contrast Check

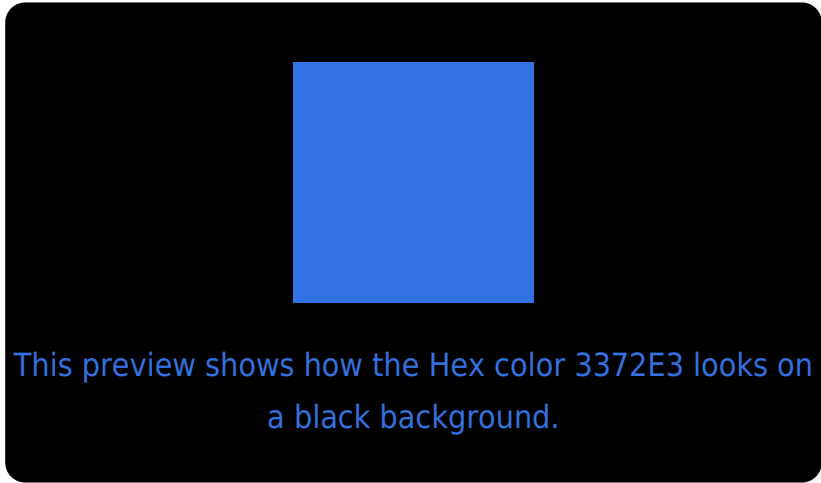
Large Text (above 18pt) WCAG AA ✓ Pass

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

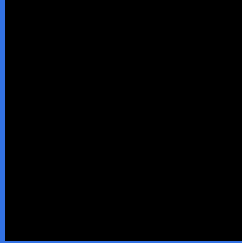
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

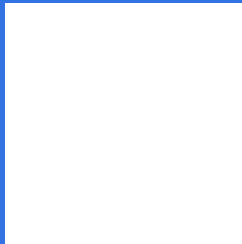
Any Text WCAG AAA × Fail

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

Hex 3372E3 Background



This preview shows how black text looks on a background with the Hex color 3372E3.

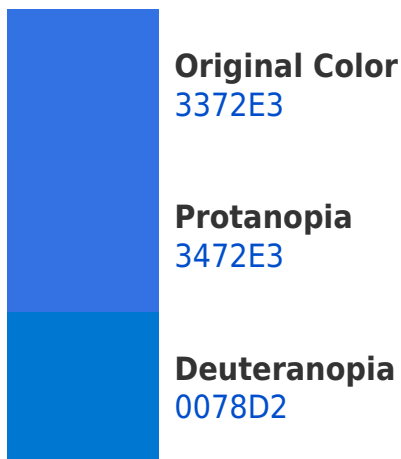


This preview shows how white text looks on a background with the Hex color 3372E3.

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](#).

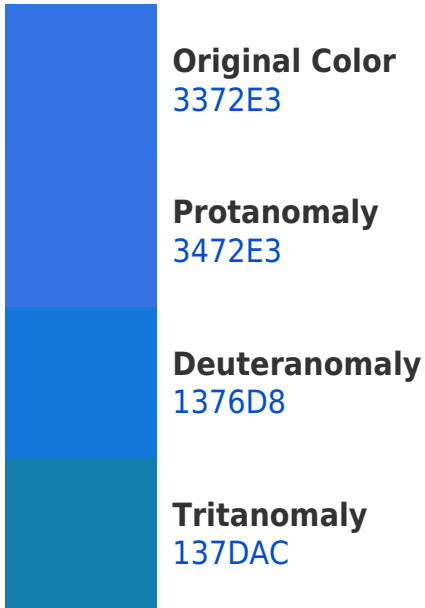
Dichromacy



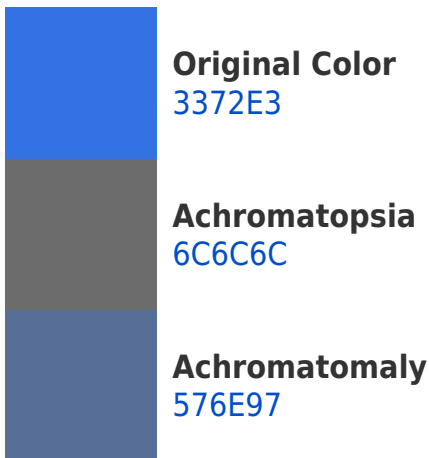


Tritanopia
00838C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3372E3 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 #3372E3 looks like.

```
.text, #text, p{  
    color:#3372E3  
}
```

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 #3372E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3372E3
}
```

Border

The CSS property to change the border of an element to Hex 3372E3 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
#3372E3 }
```

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

```
.border{ border-color:#3372E3 }
```

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

Here you see how a box with a 4 pixel #3372E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3372E3; -webkit-box-shadow:4px 4px  
4px 4px #3372E3; box-shadow:4px 4px 4px  
4px #3372E3 }
```

Background

The CSS property to change the background color of an element to Hex 3372E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3372E3 }
```

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

```
.background{ background-color:#3372E3 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor