

Converting Colors

Hex(4062E3)

Have a look what the booklet for
Hex(4062E3) contains.

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Color

Hex(4062E3)

Conversions

Conversions Part 1

Format	Color
Hex	4062E3
RGB	64, 98, 227
RGB Percent	25%, 38%, 89%
CMY	0.7490, 0.6157, 0.1098
CMYK	0.72, 0.57, 0.00, 0.11
HSL	227°, 74%, 57%
HSV	227°, 72%, 89%
XYZ	20.3472, 15.3714, 74.5676
YIQ	102.5400, -61.6730, 32.9110

Conversions

Conversions Part 2

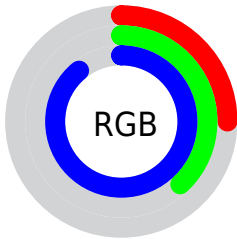
Format	Color
R _{YB}	64, 92, 227
Decimal	4219619
CIE Lab	46.14, 31.27, -69.15
CIE LCh	46, 75.894, 294.329
Yxy	15.3714, 0.1845, 0.1394
Android (android.graphics.Color)	4282409699 (0xFF4062E3)
YUV	102.5400, 61.3588, -33.7996
Hunter-Lab	39.2064, 24.0260, -85.3207

Details

The Hex color **4062E3** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **E3C140**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8394FF**, and **0034AA** is the 20% darker color. If you saturate the color by 10%, you get **2950E3**, and if you desaturate by 10%, it is **5774E3**.

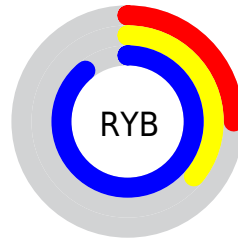
Distribution



Red (25%)

Green (38%)

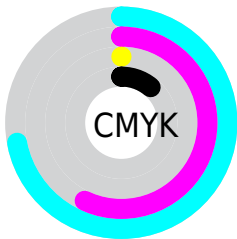
Blue (89%)



Red (25%)

Yellow (36%)

Blue (89%)

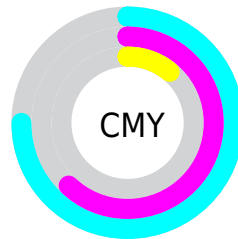


Cyan (72%)

Magenta (57%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4062E3 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 4062E3 by changing the saturation by 10% instead.

 4062E3

 4062E3

FFFFFF

 034BC6

 8394FF

 0034AA

 A2AFFF

 00208F

 C1CAFF

 000F75

 E0E6FF

 00025B

FEFFFF

 000743

 00032C

 000116

 000000

■ 4062E3

■ 4062E3

■ 2950E3

■ 5774E3

■ 133EE3

■ 6D86E3

■ 002FE3

■ 8498E3

■ 9BAAE3

■ B2BCE3

■ C8CEE3

■ DFE0E3

■ F6F2E3

■ FFFFE3

Harmonies

Analogous

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



0079EE



4062E3



AB3BB9

Triad

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



4062E3



BD4800



00875F

Complementary

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



4062E3



E3C140

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.



008316



4062E3



8F6700

Square

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



4062E3



D7183E



537900



0088A0

Rectangle

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



4062E3



CB1691



537900



008648

Sweetspot

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



4062E3



C7D3FF



40E3C0



5E6580



000000



808080

Same Dimension

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



4062E3



2451FF



6E40E3



676A73



0025B3



000B33

Inverse Universe

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



E34062



FF2451



B5E340



73676A



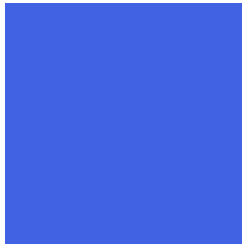
B30025



33000B

Previews

White Background



This preview shows how the Hex color 4062E3 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



This preview shows how the Hex color 4062E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

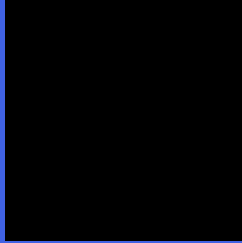
Any Text WCAG AA × Fail

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 4062E3 Background



This preview shows how black text looks on a background with the Hex color 4062E3.



This preview shows how white text looks on a background with the Hex color 4062E3.

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
4062E3

Deuteranomaly
176ACD

Tritanomaly
1771A5

Monochromacy



Original Color
4062E3

Achromatopsia
676767

Achromatomaly
596594

CSS Examples

Text

The CSS property to change the color of the text to Hex 4062E3 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 #4062E3 looks like.

```
.text, #text, p{  
    color:#4062E3  
}
```

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 #4062E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4062E3
}
```

Border

The CSS property to change the border of an element to Hex 4062E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

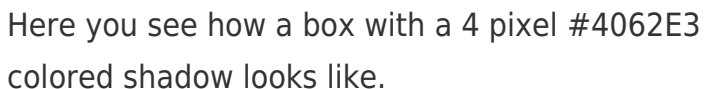
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4062E3 }
```

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

```
.border{ border-color:#4062E3 }
```

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



Here you see how a box with a 4 pixel #4062E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4062E3; -webkit-box-shadow:4px 4px  
4px 4px #4062E3; box-shadow:4px 4px 4px  
4px #4062E3 }
```

Background

The CSS property to change the background color of an element to Hex 4062E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4062E3 }
```

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

```
.background{ background-color:#4062E3 }
```

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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