

Converting Colors

Hex(3156E2)

Have a look what the booklet for
Hex(3156E2) contains.

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Color

Hex(3156E2)

Conversions

Conversions Part 1

Format	Color
Hex	3156E2
RGB	49, 86, 226
RGB Percent	19%, 34%, 89%
CMY	0.8078, 0.6627, 0.1137
CMYK	0.78, 0.62, 0.00, 0.11
HSL	227°, 75%, 54%
HSV	227°, 78%, 89%
XYZ	18.3219, 12.7995, 73.4564
YIQ	90.8970, -66.9920, 35.6960

Conversions

Conversions Part 2

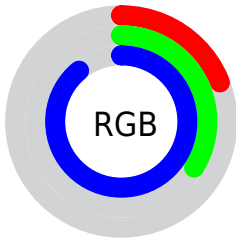
Format	Color
R _Y B	49, 80, 226
Decimal	3233506
CIE Lab	42.46, 36.85, -74.62
CIE LCh	42, 83.221, 296.284
Yxy	12.7995, 0.1752, 0.1224
Android (android.graphics.Color)	4281423586 (0xFF3156E2)
YUV	90.8970, 66.6058, -36.7437
Hunter-Lab	35.7764, 28.8049, -96.6911

Details

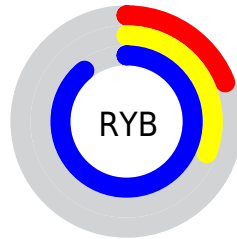
The Hex color **3156E2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E2BD31**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7B87FF**, and **002AA9** is the 20% darker color. If you saturate the color by 10%, you get **1A44E2**, and if you desaturate by 10%, it is **4868E2**.

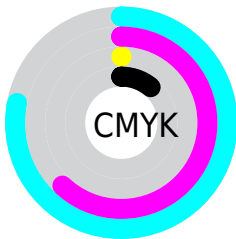
Distribution



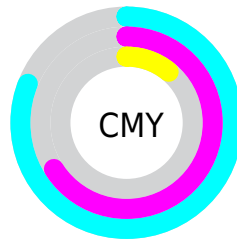
- Red (19%)
- Green (34%)
- Blue (89%)



- Red (19%)
- Yellow (31%)
- Blue (89%)



- Cyan (78%)
- Magenta (62%)
- Yellow (0%)
- Black (11%)




- Cyan (81%)
- Magenta (66%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3156E2 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 3156E2 by changing the saturation by 10% instead.

 3156E2

 3156E2

FFFFFF

 003FC5

 7B87FF

 002AA9

 9AA2FF

 00178E

 B9BDFF

 000174

 D8D8FF

 000A5A

 F7F5FF

 000741

 00032A

 000115

 000000

■ 3156E2

■ 3156E2

■ 1A44E2

■ 4868E2

■ 0432E2

■ 5E7AE2

■ 002FE2

■ 758CE2

■ 8B9EE2

■ A2AFE2

■ B9C1E2

■ CFD3E2

■ E6E5E2

■ FCF7E2

Harmonies

Analogous

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



0071F0



3156E2



AA1FB2

Triad

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



3156E2



B43C00



007E59

Complementary

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



3156E2



E2BD31

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.



007A00



3156E2



825F00

Square

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



3156E2



D2002D



3E7200



007FA0

Rectangle

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



3156E2



CA0087



3E7200



007D41

Sweetspot

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



3156E2



C4D1FF



31E2BC



5C6380



000000



808080

Same Dimension

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



3156E2



0F41FF



6331E2



656770



0025B0



000A30

Inverse Universe

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



E23156



FF0F41



B0E231



706567



B00025



30000A

Previews

White Background



This preview shows how the Hex color 3156E2 looks on a white background.

Color Contrast Check

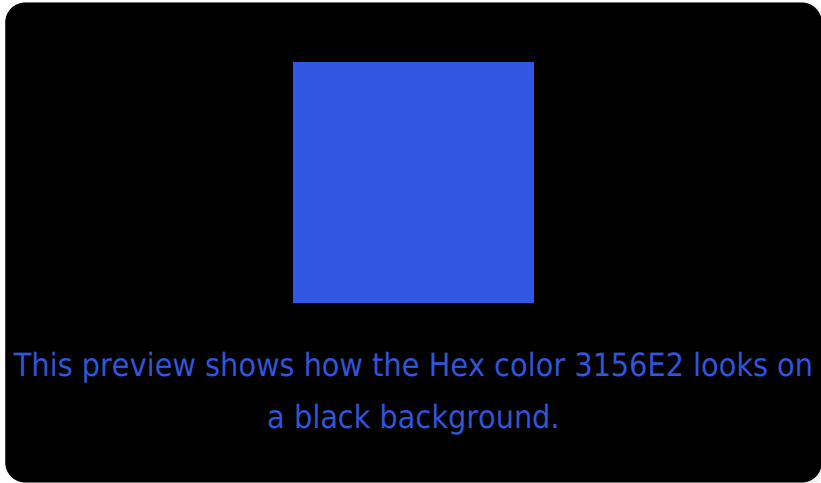
Large Text (above 18pt) WCAG AA ✓ Pass

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 3156E2 Background



This preview shows how black text looks on a background with the Hex color 3156E2.

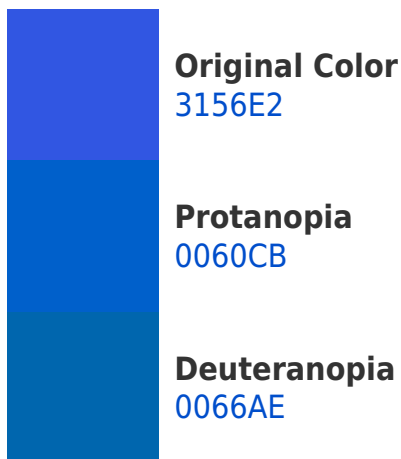


This preview shows how white text looks on a background with the Hex color 3156E2.

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](#).

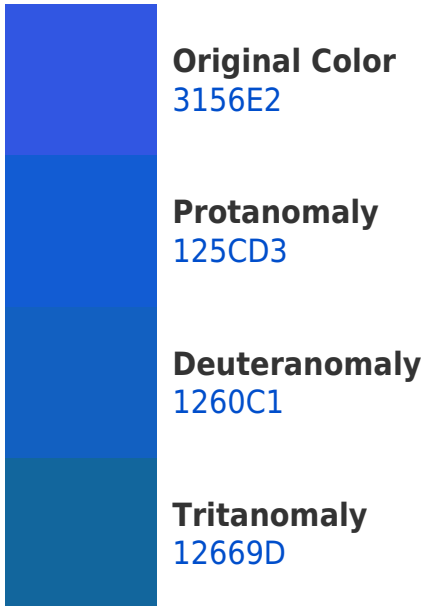
Dichromacy





Tritanopia
006F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3156E2 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 #3156E2 looks like.

```
.text, #text, p{  
    color:#3156E2  
}
```

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 #3156E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3156E2
}
```

Border

The CSS property to change the border of an element to Hex 3156E2 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
#3156E2 }
```

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

```
.border{ border-color:#3156E2 }
```

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

Here you see how a box with a 4 pixel #3156E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3156E2; -webkit-box-shadow:4px 4px  
4px 4px #3156E2; box-shadow:4px 4px 4px  
4px #3156E2 }
```

Background

The CSS property to change the background color of an element to Hex 3156E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3156E2 }
```

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

```
.background{ background-color:#3156E2 }
```

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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