

Converting Colors

Hex(3256E8)

Have a look what the booklet for
Hex(3256E8) contains.

Hex(3256E8)	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(3256E8)

Conversions

Conversions Part 1

Format	Color
Hex	3256E8
RGB	50, 86, 232
RGB Percent	20%, 34%, 91%
CMY	0.8039, 0.6627, 0.0902
CMYK	0.78, 0.63, 0.00, 0.09
HSL	228°, 80%, 55%
HSV	228°, 78%, 91%
XYZ	19.2087, 13.1599, 77.8716
YIQ	91.8800, -68.3220, 37.7740

Conversions

Conversions Part 2

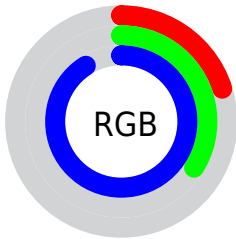
Format	Color
RYB	50, 80, 232
Decimal	3299048
CIELab	43.00, 39.10, -77.13
CIElCh	43, 86.469, 296.881
Yxy	13.1599, 0.1742, 0.1194
Android (android.graphics.Color)	4281489128 (0xFF3256E8)
YUV	91.8800, 69.0792, -36.7288
Hunter-Lab	36.2766, 31.0329, -101.8790

Details

The Hex color **3256E8** 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 **E8C432**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7D88FF**, and **002AAF** is the 20% darker color. If you saturate the color by 10%, you get **1B43E8**, and if you desaturate by 10%, it is **4969E8**.

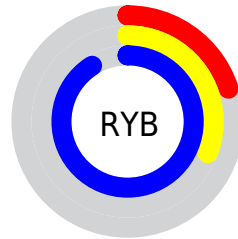
Distribution



Red (20%)

Green (34%)

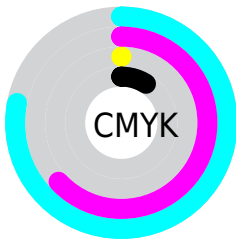
Blue (91%)



Red (20%)

Yellow (31%)

Blue (91%)

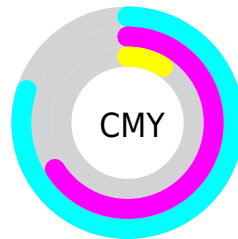


Cyan (78%)

Magenta (63%)

Yellow (0%)

Black (9%)



Cyan (80%)

Magenta (66%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3256E8 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 3256E8 by changing the saturation by 10% instead.

 3256E8

 3256E8

FFFFFF

 003FCB

 7D88FF

 002AAF

 9DA2FF

 001794

 BCBDFE


 000279

 DBD9FF

 00085F

 FAF5FF

 000846

 00042F

 000119

 000000

■ 3256E8

■ 3256E8

■ 1B43E8

■ 4969E8

■ 0431E8

■ 607BE8

■ 002EE8

■ 788EE8

■ 8FA0E8

■ A6B3E8

■ BDC6E8

■ D4D8E8

■ ECEBE8

■ FFFDE8

Harmonies

Analogous

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



0072F8



3256E8



B017B5

Triad

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



3256E8



B73C00



00805C

Complementary

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



3256E8



E8C432

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.



007D00



3256E8



836100

Square

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



3256E8



D7002B



3B7400



0082A5

Rectangle

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



3256E8



D00088



3B7400



007F42

Sweetspot

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



3256E8



C2CEFF



32E8C4



5B6280



000000



808080

Same Dimension

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



3256E8



0F3FFF



6932E8



676A73



0023B3



000A33

Inverse Universe

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



E83256



FF0F3F



B1E832



73676A



B30023



33000A

Previews

White Background



This preview shows how the Hex color 3256E8 looks on a white background.

Color Contrast Check

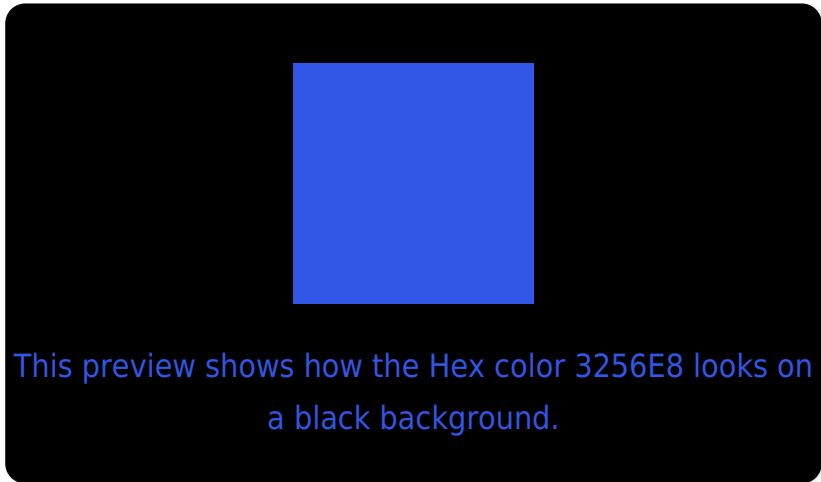
Large Text (above 18pt) WCAG AA ✓ Pass

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

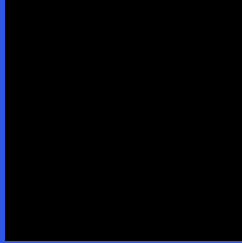
Any Text WCAG AA × Fail

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 3256E8 Background



This preview shows how black text looks on a background with the Hex color 3256E8.



This preview shows how white text looks on a background with the Hex color 3256E8.

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
007077

Trichromacy



Original Color
3256E8

Protanomaly
125DD7

Deuteranomaly
1261C4

Tritanomaly
1267A0

Monochromacy



Original Color
3256E8

Achromatopsia
5C5C5C

Achromatomaly
4D5A8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3256E8 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 #3256E8 looks like.

```
.text, #text, p{  
    color:#3256E8  
}
```

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 #3256E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3256E8
}
```

Border

The CSS property to change the border of an element to Hex 3256E8 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
#3256E8 }
```

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

```
.border{ border-color:#3256E8 }
```

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

Here you see how a box with a 4 pixel #3256E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3256E8; -webkit-box-shadow:4px 4px  
4px 4px #3256E8; box-shadow:4px 4px 4px  
4px #3256E8 }
```

Background

The CSS property to change the background color of an element to Hex 3256E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3256E8 }
```

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

```
.background{ background-color:#3256E8 }
```

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