

# Converting Colors

Hex(2687E0)

Have a look what the booklet for  
Hex(2687E0) contains.

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# Color

**Hex(2687E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2687E0
RGB	38, 135, 224
RGB Percent	15%, 53%, 88%
CMY	0.8510, 0.4706, 0.1216
CMYK	0.83, 0.40, 0.00, 0.12
HSL	209°, 75%, 51%
HSV	209°, 83%, 88%
XYZ	22.9178, 23.1218, 73.7761
YIQ	116.1430, -86.3810, 7.1150

# Conversions

## Conversions Part 2

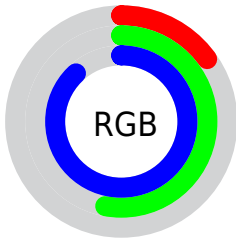
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	38, 102, 224
Decimal	2525152
CIE Lab	55.20, 4.32, -52.91
CIE LCh	55, 53.085, 274.668
Yxy	23.1218, 0.1913, 0.1930
Android (android.graphics.Color)	4280715232 (0xFF2687E0)
YUV	116.1430, 53.1735, -68.5314
Hunter-Lab	48.0852, 0.9258, -57.3078

# Details

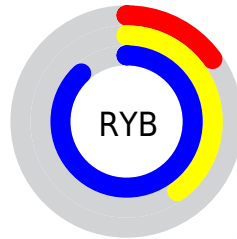
The Hex color **2687E0** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E07F26**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **73BCFF**, and **0056A8** is the 20% darker color. If you saturate the color by 10%, you get **107CE0**, and if you desaturate by 10%, it is **3C92E0**.

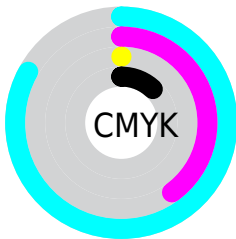
# Distribution



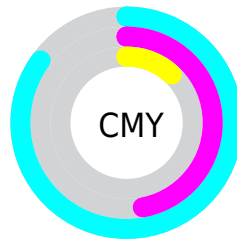
- Red (15%)
- Green (53%)
- Blue (88%)



- Red (15%)
- Yellow (40%)
- Blue (88%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (85%)
- Magenta (47%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2687E0 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 2687E0 by changing the saturation by 10% instead.



■ 2687E0

■ 2687E0

FFFFFF

■ 006EC4

■ 73BCFF

■ 0056A8

■ 92D7FF

■ 003F8D

■ B1F4FF

■ 002B73

■ D0FFFF

■ 00175A

■ EFFFFFF

■ 000742

■ 00032B

■ 000115

■ 000000

■ 2687E0

■ 2687E0

■ 107CE0

■ 3C92E0

■ 0075E0

■ 539CE0

■ 69A7E0

■ 80B2E0

■ 96BDE0

■ ACC7E0

■ C3D2E0

■ D9DDE0

■ F0E7E0

# Harmonies

## Analogous

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



0093D7



2687E0



8F75D0

# Triad

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



2687E0



D36252



0E975B

# Complementary

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



2687E0



E07F26

# 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.



669033



2687E0



BB732F

# Square

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



2687E0



D7597F



96841F



009A8A

# Rectangle

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



2687E0



B468BA



96841F



3A964C

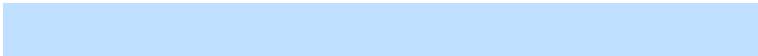


# Sweetspot

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



2687E0



BFE0FF



26E07D



596D80



000000



808080



# Same Dimension

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



2687E0



0085FF



262CE0



656B70



005CB0



001930



# Inverse Universe

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



E02687



FF0085



E0DA26



70656B



B0005C

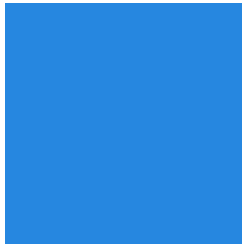


300019



# Previews

## White Background



This preview shows how the Hex color 2687E0 looks on a white background.

## Color Contrast Check

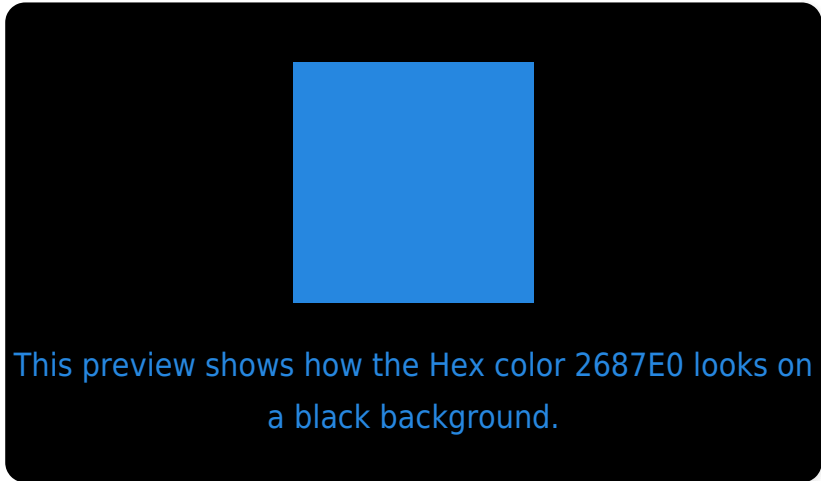
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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

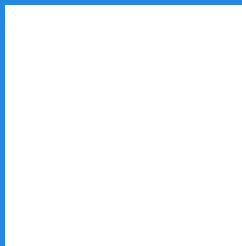
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2687E0 Background



This preview shows how black text looks on a background with the Hex color 2687E0.



This preview shows how white text looks on a background with the Hex color 2687E0.

# 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](#).

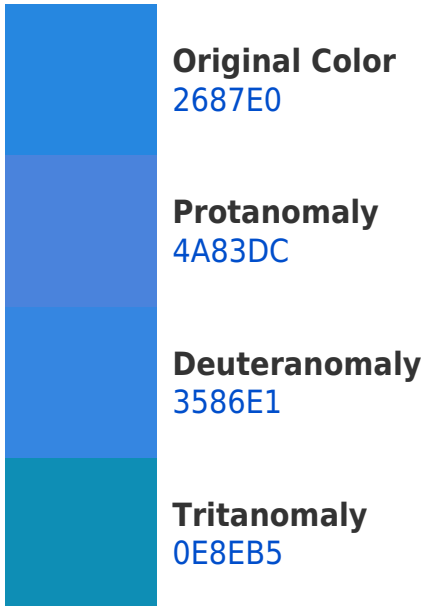
## Dichromacy





**Tritanopia**  
00929C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2687E0 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 #2687E0 looks like.

```
.text, #text, p{  
    color:#2687E0  
}
```

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 #2687E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2687E0
}
```

## Border

The CSS property to change the border of an element to Hex 2687E0 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
#2687E0 }
```

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

```
.border{ border-color:#2687E0 }
```

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

Here you see how a box with a 4 pixel #2687E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2687E0; -webkit-box-shadow:4px 4px  
4px 4px #2687E0; box-shadow:4px 4px 4px  
4px #2687E0 }
```

# Background

The CSS property to change the background color of an element to Hex 2687E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2687E0 }
```

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

```
.background{ background-color:#2687E0 }
```

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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