

Converting Colors

Hex(2481E3)

Have a look what the booklet for
Hex(2481E3) contains.

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Color

Hex(2481E3)

Conversions

Conversions Part 1

Format	Color
Hex	2481E3
RGB	36, 129, 227
RGB Percent	14%, 51%, 89%
CMY	0.8588, 0.4941, 0.1098
CMYK	0.84, 0.43, 0.00, 0.11
HSL	211°, 77%, 52%
HSV	211°, 84%, 89%
XYZ	22.4429, 21.6216, 75.6636
YIQ	112.3650, -86.8860, 10.7620

Conversions

Conversions Part 2

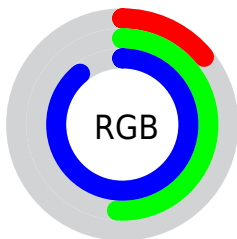
Format	Color
R_{YB}	36, 99, 227
Decimal	2392547
CIE _{Lab}	53.62, 8.94, -57.11
CIE _{LCh}	54, 57.805, 278.899
Yxy	21.6216, 0.1874, 0.1806
Android (android.graphics.Color)	4280582627 (0xFF2481E3)
YUV	112.3650, 56.5151, -66.9721
Hunter-Lab	46.4991, 4.7803, -63.9277

Details

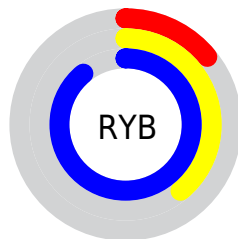
The Hex color **2481E3** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E38624**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **72B5FF**, and **0051AB** is the 20% darker color. If you saturate the color by 10%, you get **0D75E3**, and if you desaturate by 10%, it is **3B8DE3**.

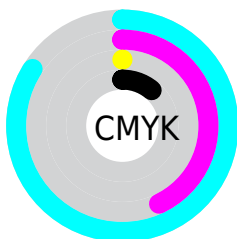
Distribution



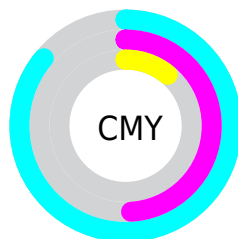
- Red (14%)
- Green (51%)
- Blue (89%)



- Red (14%)
- Yellow (39%)
- Blue (89%)



- Cyan (84%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (86%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2481E3 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 2481E3 by changing the saturation by 10% instead.

 2481E3

 2481E3

FFFFFF

 0068C7

 72B5FF

 0051AB

 92D1FF

 003B90

 B1EDFF

 002676


 D0FFFF

 00125C

 EFFFFFFF

 000744

 00032D

 000117

 000000

■ 2481E3

■ 2481E3

■ 0D75E3

■ 3B8DE3

■ 006FE3

■ 5198E3

■ 68A4E3

■ 7FB0E3

■ 95BBE3

■ ACC7E3

■ C3D3E3

■ DADEE3

■ F0EAE3

Harmonies

Analogous

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



008FDD



2481E3



956CCE

Triad

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



2481E3



D15C44



00955A

Complementary

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



2481E3



E38624

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.



558F2B



2481E3



B5711C

Square

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



2481E3



DA4F73



8B8307



00988E

Rectangle

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



2481E3



BA5DB4



8B8307



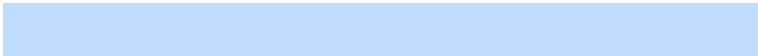
11934A

Sweetspot

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



2481E3



BFDEFF



24E384



596C80



000000



808080

Same Dimension

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



2481E3



007CFF



2424E3



676D73



0057B3



001933

Inverse Universe

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



E32481



FF007C



E3E324



73676D



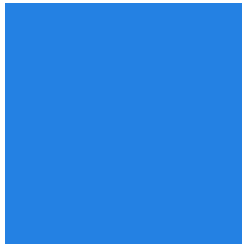
B30057



330019

Previews

White Background



This preview shows how the Hex color 2481E3 looks on a white background.

Color Contrast Check

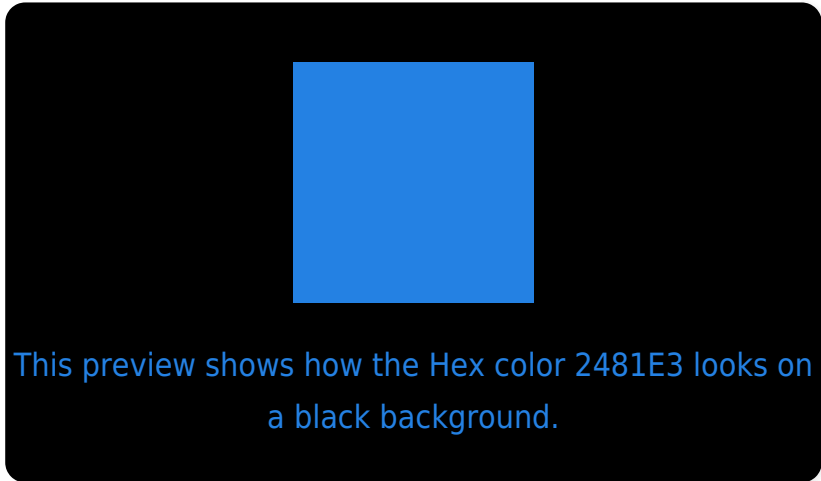
Large Text (above 18pt) WCAG AA ✓ Pass

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

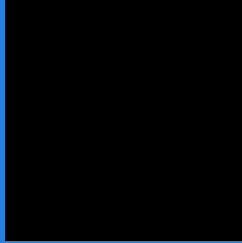
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

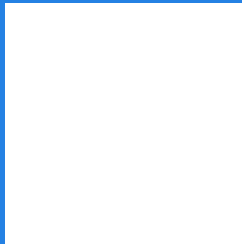
Any Text WCAG AAA × Fail

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

Hex 2481E3 Background



This preview shows how black text looks on a background with the Hex color 2481E3.

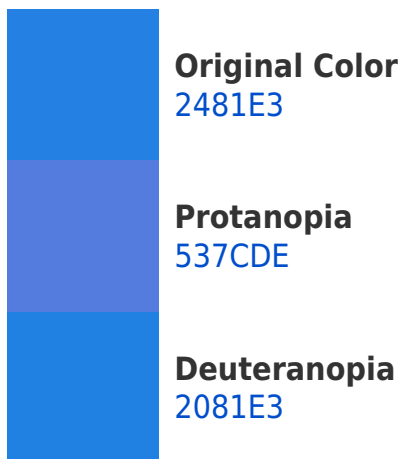


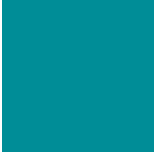
This preview shows how white text looks on a background with the Hex color 2481E3.

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](#).

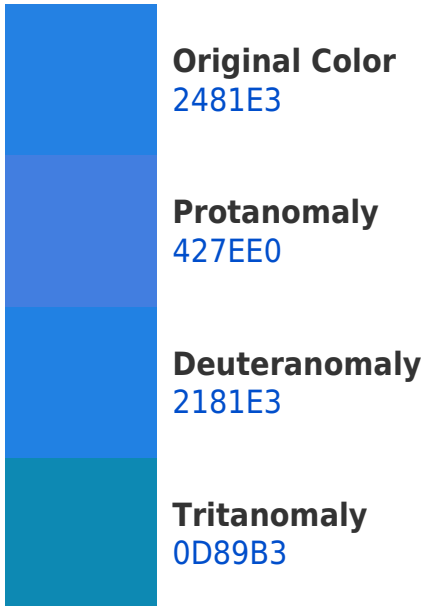
Dichromacy



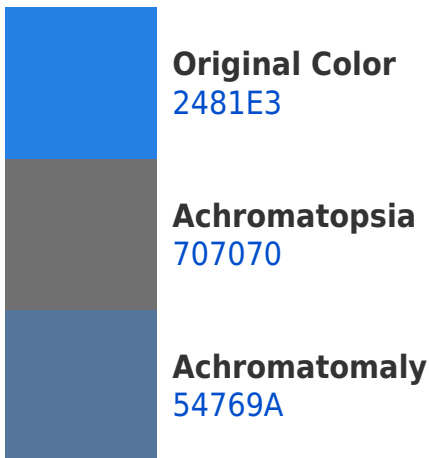


Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2481E3 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 #2481E3 looks like.

```
.text, #text, p{  
    color:#2481E3  
}
```

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 #2481E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2481E3
}
```

Border

The CSS property to change the border of an element to Hex 2481E3 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
#2481E3 }
```

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

```
.border{ border-color:#2481E3 }
```

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

Here you see how a box with a 4 pixel #2481E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2481E3; -webkit-box-shadow:4px 4px  
4px 4px #2481E3; box-shadow:4px 4px 4px  
4px #2481E3 }
```

Background

The CSS property to change the background color of an element to Hex 2481E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2481E3 }
```

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

```
.background{ background-color:#2481E3 }
```

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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