

Converting Colors

Hex(2484E6)

Have a look what the booklet for
Hex(2484E6) contains.

Hex(2484E6)	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(2484E6)

Conversions

Conversions Part 1

Format	Color
Hex	2484E6
RGB	36, 132, 230
RGB Percent	14%, 52%, 90%
CMY	0.8588, 0.4824, 0.0980
CMYK	0.84, 0.43, 0.00, 0.10
HSL	210°, 80%, 52%
HSV	210°, 84%, 90%
XYZ	23.2617, 22.5908, 77.9973
YIQ	114.4680, -88.6740, 10.1260

Conversions

Conversions Part 2

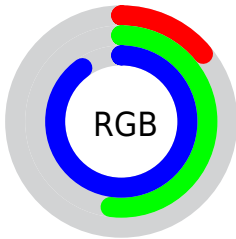
Format	Color
RYB	36, 100, 230
Decimal	2393318
CIELab	54.65, 8.24, -57.14
CIElCh	55, 57.735, 278.202
Yxy	22.5908, 0.1878, 0.1824
Android (android.graphics.Color)	4280583398 (0xFF2484E6)
YUV	114.4680, 56.9573, -68.8164
Hunter-Lab	47.5297, 4.1834, -64.0253

Details

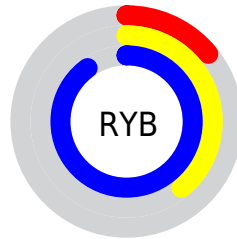
The Hex color **2484E6** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E68624**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **73B8FF**, and **0053AE** is the 20% darker color. If you saturate the color by 10%, you get **0D78E6**, and if you desaturate by 10%, it is **3B90E6**.

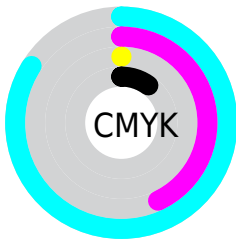
Distribution



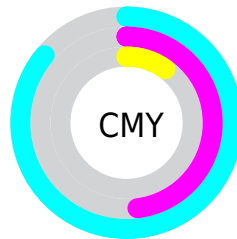
- Red (14%)
- Green (52%)
- Blue (90%)



- Red (14%)
- Yellow (39%)
- Blue (90%)



- Cyan (84%)
- Magenta (43%)
- Yellow (0%)
- Black (10%)



- Cyan (86%)
- Magenta (48%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2484E6 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 2484E6 by changing the saturation by 10% instead.

 2484E6

 2484E6

FFFFFF

 006BCA

 73B8FF

 0053AE

 93D4FF

 003D93

 B2F0FF


 002978

 D1FFFF

 00155F

 F0FFFF

 000846

 00042F

 000119

 000000

■ 2484E6

■ 2484E6

■ 0D78E6

■ 3B90E6

■ 0072E6

■ 529BE6

■ 69A7E6

■ 80B2E6

■ 97BEE6

■ AECAE6

■ C5D5E6

■ DCE1E6

■ F3EDE6

Harmonies

Analogous

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



0092DF



2484E6



966FD2

Triad

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



2484E6



D55E47



00985C

Complementary

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



2484E6



E68624

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.



59912D



2484E6



B97320

Square

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



2484E6



DC5277



8F850C



009A8F

Rectangle

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



2484E6



BC60B8



8F850C



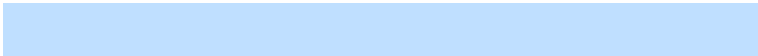
1C964B

Sweetspot

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



2484E6



BFDFFF



24E685



596C80



000000



808080

Same Dimension

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



2484E6



007EFF



2424E6



676D73



0058B3



001933

Inverse Universe

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



E62484



FF007E



E6E624



73676D



B30058



330019

Previews

White Background



This preview shows how the Hex color 2484E6 looks on a white background.

Color Contrast Check

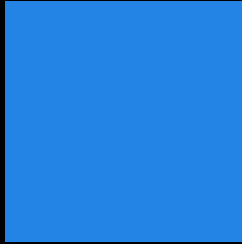
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2484E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

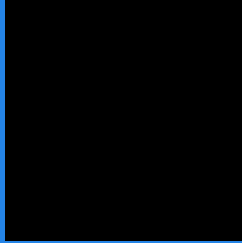
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

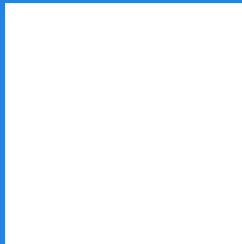
Any Text WCAG AAA × Fail

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

Hex 2484E6 Background



This preview shows how black text looks on a background with the Hex color 2484E6.



This preview shows how white text looks on a background with the Hex color 2484E6.

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](#).

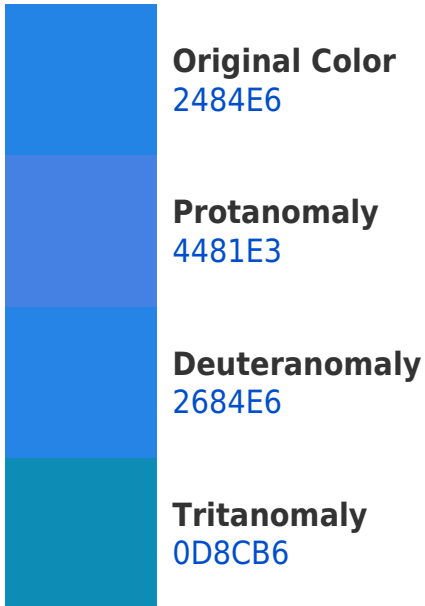
Dichromacy





Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2484E6 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 #2484E6 looks like.

```
.text, #text, p{  
    color:#2484E6  
}
```

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 #2484E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2484E6
}
```

Border

The CSS property to change the border of an element to Hex 2484E6 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
#2484E6 }
```

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

```
.border{ border-color:#2484E6 }
```

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

Here you see how a box with a 4 pixel #2484E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2484E6; -webkit-box-shadow:4px 4px  
4px 4px #2484E6; box-shadow:4px 4px 4px  
4px #2484E6 }
```

Background

The CSS property to change the background color of an element to Hex 2484E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2484E6 }
```

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

```
.background{ background-color:#2484E6 }
```

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