

Converting Colors

Hex(2485E9)

Have a look what the booklet for
Hex(2485E9) contains.

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Color

Hex(2485E9)

Conversions

Conversions Part 1

Format	Color
Hex	2485E9
RGB	36, 133, 233
RGB Percent	14%, 52%, 91%
CMY	0.8588, 0.4784, 0.0863
CMYK	0.85, 0.43, 0.00, 0.09
HSL	210°, 82%, 53%
HSV	210°, 85%, 91%
XYZ	23.8231, 23.0333, 80.2811
YIQ	115.3970, -89.9120, 10.5360

Conversions

Conversions Part 2

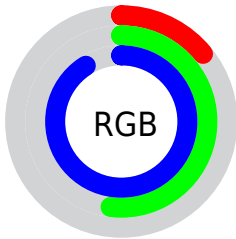
Format	Color
R _Y B	36, 101, 233
Decimal	2393577
CIE Lab	55.11, 8.76, -58.08
CIE LCh	55, 58.740, 278.573
Yxy	23.0333, 0.1874, 0.1812
Android (android.graphics.Color)	4280583657 (0xFF2485E9)
YUV	115.3970, 57.9783, -69.6312
Hunter-Lab	47.9930, 4.6170, -65.5831

Details

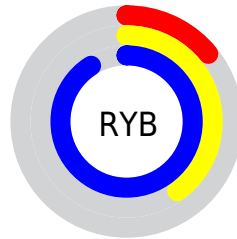
The Hex color **2485E9** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E98824**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **74BAFF**, and **0054B1** is the 20% darker color. If you saturate the color by 10%, you get **0D79E9**, and if you desaturate by 10%, it is **3B91E9**.

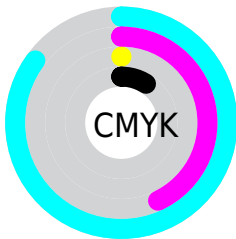
Distribution



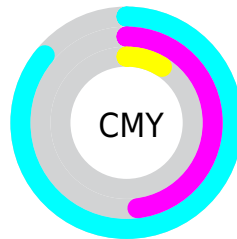
- Red (14%)
- Green (52%)
- Blue (91%)



- Red (14%)
- Yellow (40%)
- Blue (91%)



- Cyan (85%)
- Magenta (43%)
- Yellow (0%)
- Black (9%)



- Cyan (86%)
- Magenta (48%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2485E9 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 2485E9 by changing the saturation by 10% instead.

■ 2485E9

FFFFFF

■ 74BAFF

■ 94D5FF

■ B3F1FF

■ D2FFFF

■ F1FFFF

■ 2485E9

■ 006CCC

■ 0054B1

■ 003E95

■ 00297B

■ 001661

■ 000949

■ 000431

■ 00011B

■ 000000

■ 2485E9

■ 2485E9

■ 0D79E9

■ 3B91E9

■ 0073E9

■ 539DE9

■ 6AA8E9

■ 81B4E9

■ 99C0E9

■ B0CCE9

■ C7D8E9

■ DEE4E9

■ F6EFE9

Harmonies

Analogous

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



0093E3



2485E9



9970D4

Triad

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



2485E9



D75F47



00995D

Complementary

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



2485E9



E98824

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.



59932D



2485E9



BA741E

Square

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



2485E9



DF5277



908609



009C92

Rectangle

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



2485E9



BF60BA



908609



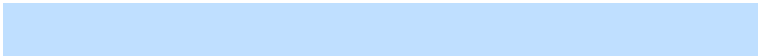
17984C

Sweetspot

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



2485E9



BFDFFF



24E987



596C80



000000



808080

Same Dimension

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



2485E9



007EFF



2424E9



6A6F75



0059B5



001A36

Inverse Universe

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



E92485



FF007E



E9E924



756A6F



B50059



36001A

Previews

White Background



This preview shows how the Hex color 2485E9 looks on a white background.

Color Contrast Check

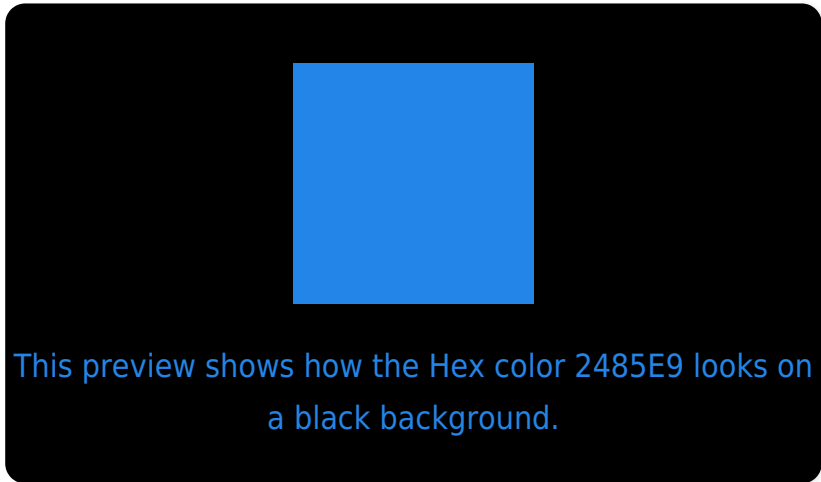
Large Text (above 18pt) WCAG AA ✓ Pass

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

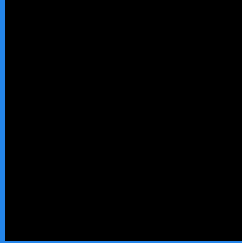
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

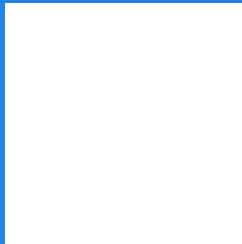
Any Text WCAG AAA × Fail

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

Hex 2485E9 Background



This preview shows how black text looks on a background with the Hex color 2485E9.

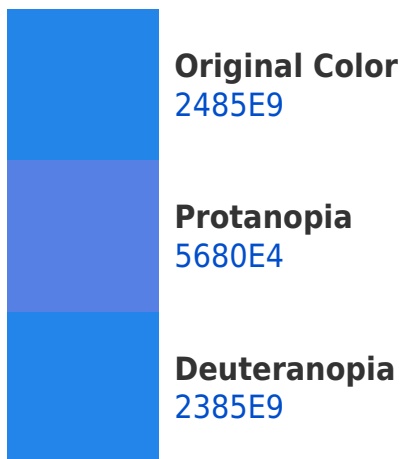


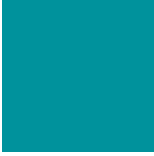
This preview shows how white text looks on a background with the Hex color 2485E9.

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](#).

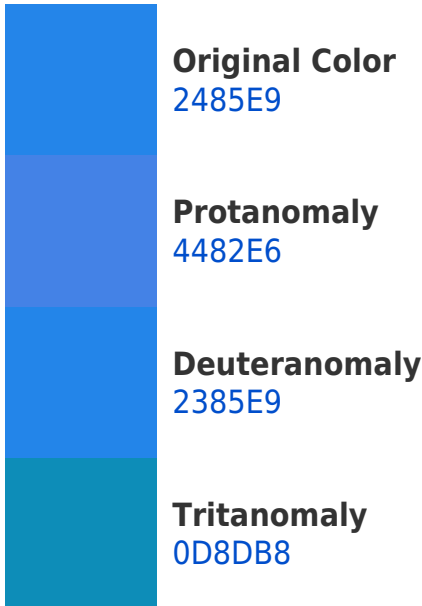
Dichromacy





Tritanopia
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2485E9 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 #2485E9 looks like.

```
.text, #text, p{  
    color:#2485E9  
}
```

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 #2485E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2485E9
}
```

Border

The CSS property to change the border of an element to Hex 2485E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

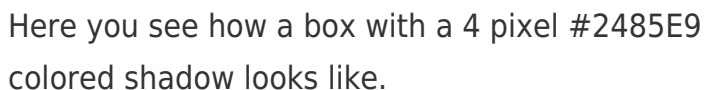
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2485E9 }
```

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

```
.border{ border-color:#2485E9 }
```

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



Here you see how a box with a 4 pixel #2485E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2485E9; -webkit-box-shadow:4px 4px  
4px 4px #2485E9; box-shadow:4px 4px 4px  
4px #2485E9 }
```

Background

The CSS property to change the background color of an element to Hex 2485E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2485E9 }
```

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

```
.background{ background-color:#2485E9 }
```

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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