

Converting Colors

Hex(2588E4)

Have a look what the booklet for
Hex(2588E4) contains.

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Color

Hex(2588E4)

Conversions

Conversions Part 1

Format	Color
Hex	2588E4
RGB	37, 136, 228
RGB Percent	15%, 53%, 89%
CMY	0.8549, 0.4667, 0.1059
CMYK	0.84, 0.40, 0.00, 0.11
HSL	209°, 78%, 52%
HSV	209°, 84%, 89%
XYZ	23.5707, 23.6031, 76.7123
YIQ	116.8870, -88.5360, 7.6240

Conversions

Conversions Part 2

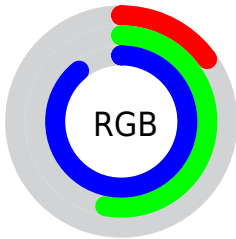
Format	Color
R_{YB}	37, 102, 228
Decimal	2459876
CIE _{Lab}	55.69, 5.13, -54.36
CIE _{LCh}	56, 54.605, 275.394
Yxy	23.6031, 0.1903, 0.1905
Android (android.graphics.Color)	4280649956 (0xFF2588E4)
YUV	116.8870, 54.7787, -70.0609
Hunter-Lab	48.5830, 1.5815, -59.6106

Details

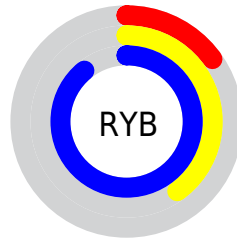
The Hex color **2588E4** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E48125**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **73BDFF**, and **0057AC** is the 20% darker color. If you saturate the color by 10%, you get **0E7DE4**, and if you desaturate by 10%, it is **3C93E4**.

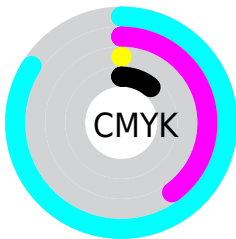
Distribution



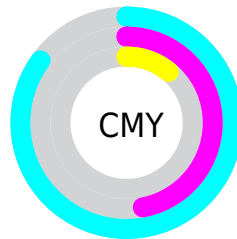
- Red (15%)
- Green (53%)
- Blue (89%)



- Red (15%)
- Yellow (40%)
- Blue (89%)



- Cyan (84%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (85%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2588E4 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 2588E4 by changing the saturation by 10% instead.

 2588E4

 2588E4

FFFFFF

 006FC8

 73BDFF

 0057AC

 93D8FF

 004091

 B2F5FF

 002B77

 D1FFFF

 00185D

 F0FFFF

 000845

 00032E

 000118

 000000

■ 2588E4

■ 2588E4

■ 0E7DE4

■ 3C93E4

■ 0076E4

■ 539EE4

■ 69A9E4

■ 80B4E4

■ 97BFE4

■ AECAE4

■ C5D5E4

■ DBE0E4

■ F2EBE4

Harmonies

Analogous

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



0095DB



2588E4



9275D3

Triad

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



2588E4



D66251



00995C

Complementary

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



2588E4



E48125

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.



659232



2588E4



BD742C

Square

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



2588E4



DB587F



96861C



009C8D

Rectangle

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



2588E4



B867BC



96861C



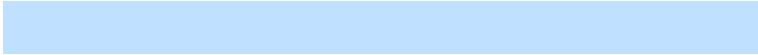
36974D

Sweetspot

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



2588E4



BFE0FF



25E47E



596D80



000000



808080

Same Dimension

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



2588E4



0084FF



252BE4



676D73



005DB3



001A33

Inverse Universe

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



E42588



FF0084



E4DE25



73676D



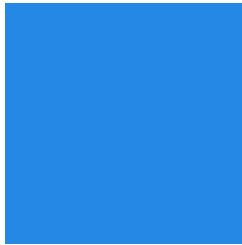
B3005D



33001A

Previews

White Background



This preview shows how the Hex color 2588E4 looks on a white background.

Color Contrast Check

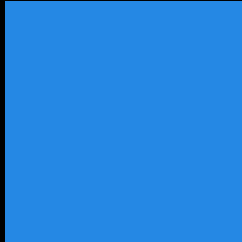
Large Text (above 18pt) WCAG AA ✓ Pass

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 2588E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

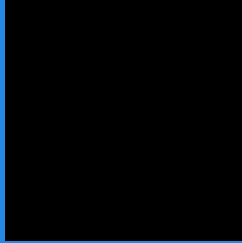
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

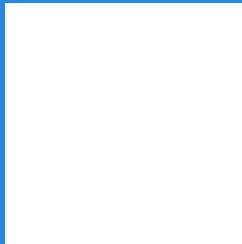
Any Text WCAG AAA × Fail

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

Hex 2588E4 Background



This preview shows how black text looks on a background with the Hex color 2588E4.



This preview shows how white text looks on a background with the Hex color 2588E4.

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



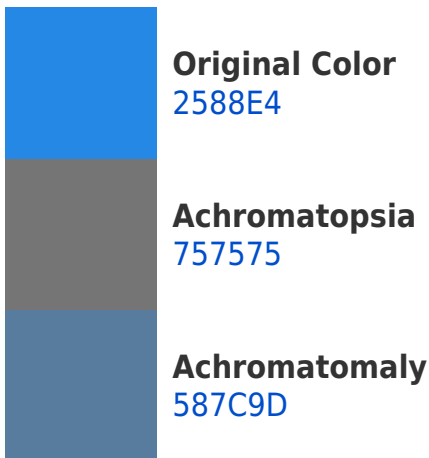


Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2588E4 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 #2588E4 looks like.

```
.text, #text, p{  
    color:#2588E4  
}
```

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 #2588E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2588E4
}
```

Border

The CSS property to change the border of an element to Hex 2588E4 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
#2588E4 }
```

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

```
.border{ border-color:#2588E4 }
```

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

Here you see how a box with a 4 pixel #2588E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2588E4; -webkit-box-shadow:4px 4px  
4px 4px #2588E4; box-shadow:4px 4px 4px  
4px #2588E4 }
```

Background

The CSS property to change the background color of an element to Hex 2588E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2588E4 }
```

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

```
.background{ background-color:#2588E4 }
```

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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