

# Converting Colors

Hex(7594E8)

Have a look what the booklet for  
Hex(7594E8) contains.

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# **Color**

**Hex(7594E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7594E8
RGB	117, 148, 232
RGB Percent	46%, 58%, 91%
CMY	0.5412, 0.4196, 0.0902
CMYK	0.50, 0.36, 0.00, 0.09
HSL	224°, 71%, 68%
HSV	224°, 50%, 91%
XYZ	32.4915, 30.7879, 80.5741
YIQ	148.3070, -45.4400, 19.5520

# Conversions

## Conversions Part 2

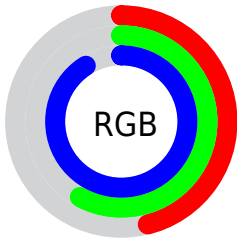
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	117, 141, 232
Decimal	7705832
CIE Lab	62.33, 11.99, -45.85
CIE LCh	62, 47.393, 284.649
Yxy	30.7879, 0.2259, 0.2140
Android (android.graphics.Color)	4285895912 (0xFF7594E8)
YUV	148.3070, 41.2606, -27.4562
Hunter-Lab	55.4869, 7.4225, -47.2560

# Details

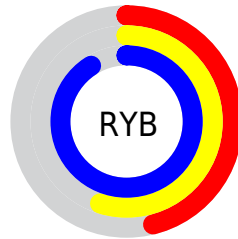
The Hex color **7594E8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E8C975**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AECAFF**, and **3A62B0** is the 20% darker color. If you saturate the color by 10%, you get **5E83E8**, and if you desaturate by 10%, it is **8CA5E8**.

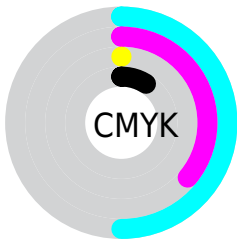
# Distribution



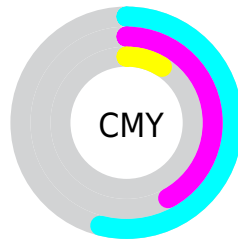
- Red (46%)
- Green (58%)
- Blue (91%)



- Red (46%)
- Yellow (55%)
- Blue (91%)



- Cyan (50%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (54%)
- Magenta (42%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7594E8 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 7594E8 by changing the saturation by 10% instead.



 7594E8

 7594E8

FFFFFF

 587ACC

 AECAFF

 3A62B0

 CBE6FF

 124A95

 E9FFFF

 00347B

 002061

 000749

 000432

 00011C

 000000

 7594E8

 7594E8

 5E83E8

 8CA5E8

 4772E8


 A3B6E8

 2F61E8

 BBC7E8

 1850E8

 D2D8E8

 013FE8

 E9E9E8

 003FE8

 FFFAE8

 FFFFE8

# Harmonies

## Analogous

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



00A1E7



7594E8



B483D3

# Triad

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



7594E8



DC7D5D



21AB7F

# Complementary

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



7594E8



E8C975

# 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.



6CA559



7594E8



C18D44

# Square

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



7594E8



E67384



9B9B42



00ACAB

# Rectangle

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



7594E8



D07ABB



9B9B42



43A971



# Sweetspot

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



7594E8



D9E3FF



75E8C7



696F80



000000



808080



# Same Dimension

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



7594E8



6991FF



8E75E8



676A73



0030B3



000E33



# Inverse Universe

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



E87594



FF6991



CFE875



73676A



B30030

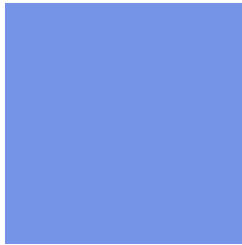


33000E



# Previews

## White Background



This preview shows how the Hex color 7594E8 looks on a white background.

## Color Contrast Check

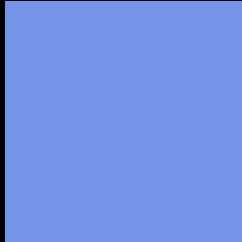
Large Text (above 18pt) WCAG AA × Fail

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 7594E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

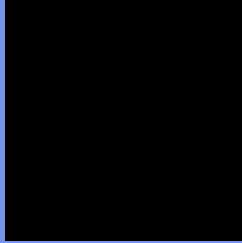
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7594E8 Background



This preview shows how black text looks on a background with the Hex color 7594E8.

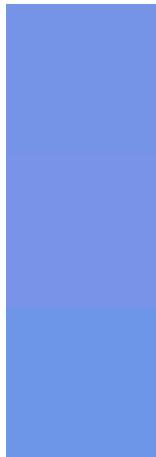


This preview shows how white text looks on a background with the Hex color 7594E8.

# 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



**Original Color**  
7594E8

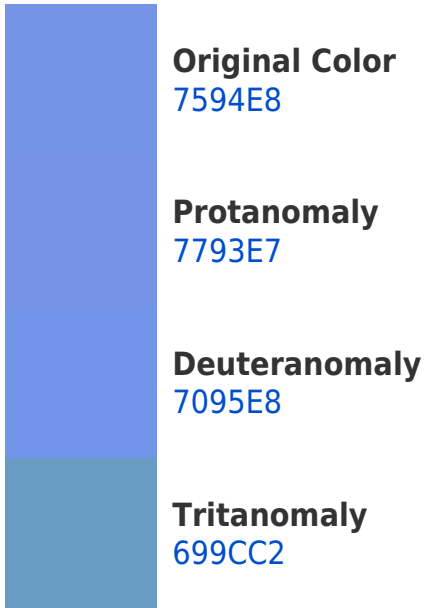
**Protanopia**  
7893E7

**Deuteranopia**  
6D96E8



**Tritanopia**  
62A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7594E8 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 #7594E8 looks like.

```
.text, #text, p{  
    color:#7594E8  
}
```

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 #7594E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7594E8
}
```

## Border

The CSS property to change the border of an element to Hex 7594E8 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
#7594E8 }
```

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

```
.border{ border-color:#7594E8 }
```

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

Here you see how a box with a 4 pixel #7594E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7594E8; -webkit-box-shadow:4px 4px  
4px 4px #7594E8; box-shadow:4px 4px 4px  
4px #7594E8 }
```

# Background

The CSS property to change the background color of an element to Hex 7594E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7594E8 }
```

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

```
.background{ background-color:#7594E8 }
```

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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