

Converting Colors

Hex(4D84E2)

Have a look what the booklet for
Hex(4D84E2) contains.

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Color

Hex(4D84E2)

Conversions

Conversions Part 1

Format	Color
Hex	4D84E2
RGB	77, 132, 226
RGB Percent	30%, 52%, 89%
CMY	0.6980, 0.4824, 0.1137
CMYK	0.66, 0.42, 0.00, 0.11
HSL	218°, 72%, 59%
HSV	218°, 66%, 89%
XYZ	25.0393, 23.5713, 75.1815
YIQ	126.2710, -62.9540, 17.5740

Conversions

Conversions Part 2

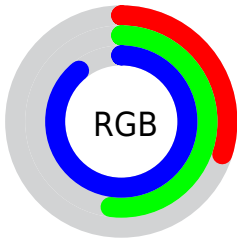
Format	Color
RYB	77, 117, 226
Decimal	5080290
CIELab	55.66, 11.66, -53.23
CIElCh	56, 54.490, 282.361
Yxy	23.5713, 0.2023, 0.1904
Android (android.graphics.Color)	4283270370 (0xFF4D84E2)
YUV	126.2710, 49.1664, -43.2107
Hunter-Lab	48.5503, 7.0965, -57.8271

Details

The Hex color **4D84E2** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **E2AB4D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8BB9FF**, and **0053AA** is the 20% darker color. If you saturate the color by 10%, you get **3676E2**, and if you desaturate by 10%, it is **6492E2**.

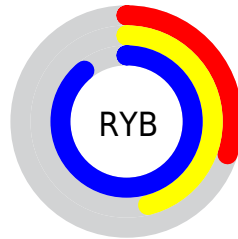
Distribution



Red (30%)

Green (52%)

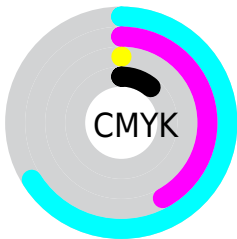
Blue (89%)



Red (30%)

Yellow (46%)

Blue (89%)

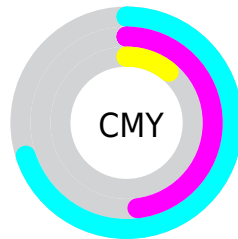


Cyan (66%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (70%)

Magenta (48%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D84E2 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 4D84E2 by changing the saturation by 10% instead.

 4D84E2

 4D84E2

FFFFFF

 266BC6

 8BB9FF

 0053AA

 A9D4FF

 003D8F

 C7F0FF

 002875

 E6FFFF

 00155C

 000743

 00032C

 000117

 000000

■ 4D84E2

■ 4D84E2

■ 3676E2

■ 6492E2

■ 2067E2

■ 7AA1E2

■ 0959E2

■ 91AFE2

■ 0053E2

■ A7BDE2

■ BECBE2

■ D5DAE2

■ EBE8E2

■ FFF6E2

■ FFFF2

Harmonies

Analogous

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



0092DF



4D84E2



A170CC

Triad

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



4D84E2



D26648



009A67

Complementary

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



4D84E2



E2AB4D

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.



57943B



4D84E2



B57926

Square

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



4D84E2



DC5974



8C891E



009C98

Rectangle

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



4D84E2



C263B2



8C891E



189957

Sweetspot

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



4D84E2



CCDFFF



4DE2A9



616C80



000000



808080

Same Dimension

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



4D84E2



3680FF



5E4DE2



656970



0041B0



001230

Inverse Universe

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



E24D84



FF3680



D1E24D



706569



B00041



300012

Previews

White Background



This preview shows how the Hex color 4D84E2 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 4D84E2 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

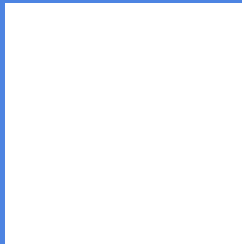
Any Text WCAG AAA × Fail

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

Hex 4D84E2 Background



This preview shows how black text looks on a background with the Hex color 4D84E2.



This preview shows how white text looks on a background with the Hex color 4D84E2.

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](#).

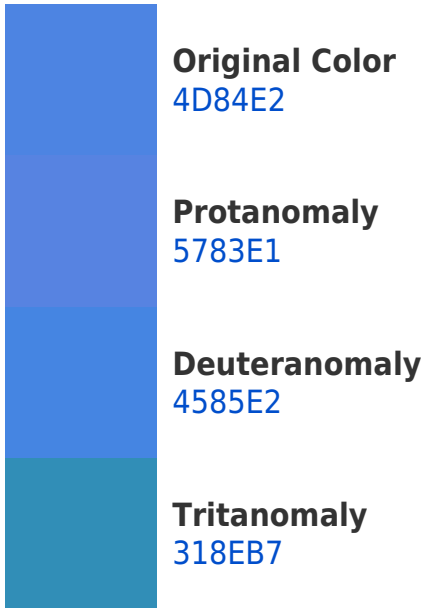
Dichromacy





Tritanopia
21939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D84E2 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 #4D84E2 looks like.

```
.text, #text, p{  
    color:#4D84E2  
}
```

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 #4D84E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D84E2
}
```

Border

The CSS property to change the border of an element to Hex 4D84E2 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
#4D84E2 }
```

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

```
.border{ border-color:#4D84E2 }
```

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

Here you see how a box with a 4 pixel #4D84E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D84E2; -webkit-box-shadow:4px 4px  
4px 4px #4D84E2; box-shadow:4px 4px 4px  
4px #4D84E2 }
```

Background

The CSS property to change the background color of an element to Hex 4D84E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D84E2 }
```

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

```
.background{ background-color:#4D84E2 }
```

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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