

Converting Colors

Hex(2694B4)

Have a look what the booklet for
Hex(2694B4) contains.

Hex(2694B4)	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(2694B4)

Conversions

Conversions Part 1

Format	Color
Hex	2694B4
RGB	38, 148, 180
RGB Percent	15%, 58%, 71%
CMY	0.8510, 0.4196, 0.2941
CMYK	0.79, 0.18, 0.00, 0.29
HSL	194°, 65%, 43%
HSV	194°, 79%, 71%
XYZ	19.6275, 24.8872, 46.9492
YIQ	118.7580, -75.8320, -13.3680

Conversions

Conversions Part 2

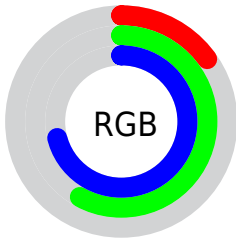
Format	Color
R_{YB}	38, 100, 180
Decimal	2528436
CIE _{Lab}	56.97, -18.97, -25.29
CIE _{LCh}	57, 31.616, 233.132
Yxy	24.8872, 0.2146, 0.2721
Android (android.graphics.Color)	4280718516 (0xFF2694B4)
YUV	118.7580, 30.1923, -70.8248
Hunter-Lab	49.8870, -17.0736, -20.8775

Details

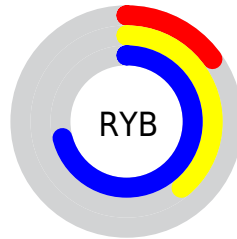
The Hex color **2694B4** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B44626**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6BCAEC**, and **00617F** is the 20% darker color. If you saturate the color by 10%, you get **1490B4**, and if you desaturate by 10%, it is **3898B4**.

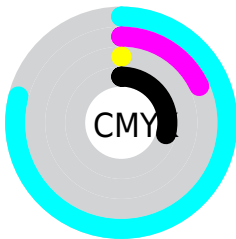
Distribution



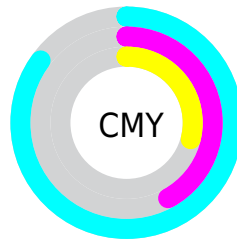
- Red (15%)
- Green (58%)
- Blue (71%)



- Red (15%)
- Yellow (39%)
- Blue (71%)



- Cyan (79%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2694B4 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 2694B4 by changing the saturation by 10% instead.

 2694B4

 2694B4

FFFFFF

 007A99

 6BCAEC

 00617F

 89E6FF

 004966

 A6FFFF

 00324E

 C4FFFF

 001F37

 E2FFFF

 000221

 000007

 000000

 2694B4

 2694B4

■ 1490B4

■ 3898B4

■ 028CB4

■ 4A9CB4

■ 008BB4

■ 5CA0B4

■ 6EA4B4

■ 80A8B4

■ 92ACB4

■ A4B0B4

■ B6B4B4

■ C8B9B4

Harmonies

Analogous

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



1B979D



2694B4



568DBF

Triad

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



2694B4



BA7490



858E55

Complementary

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



2694B4



B44626

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.



A18552



2694B4



BE7474

Square

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



2694B4



A57AAA



B57B5E



659467

Rectangle

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



2694B4



7587BE



B57B5E



8F8B52

Sweetspot

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



2694B4



B2DEEB



26B445



536E75



F5F5F5



757575

Same Dimension

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



2694B4



0CB8EB



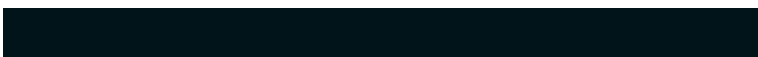
264EB4



505759



007799



00141A

Inverse Universe

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



B42694



EB0CB8



B48C26



595057



990077



1A0014

Previews

White Background



This preview shows how the Hex color 2694B4 looks on a white background.

Color Contrast Check

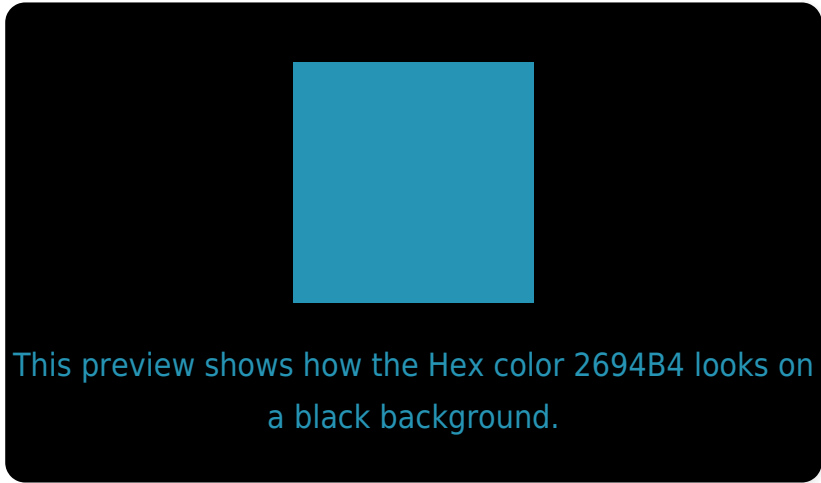
Large Text (above 18pt) WCAG AA ✓ Pass

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

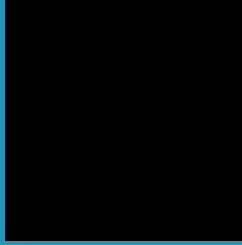
Any Text WCAG AA ✓ Pass

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 2694B4 Background



This preview shows how black text looks on a background with the Hex color 2694B4.

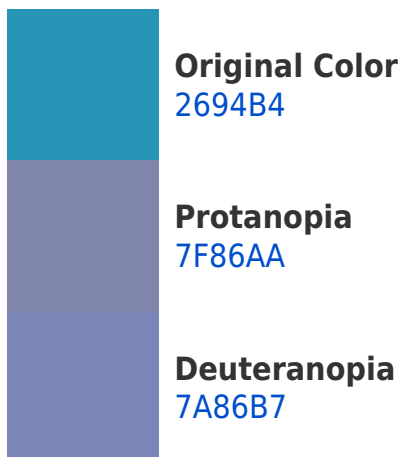


This preview shows how white text looks on a background with the Hex color 2694B4.

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](#).

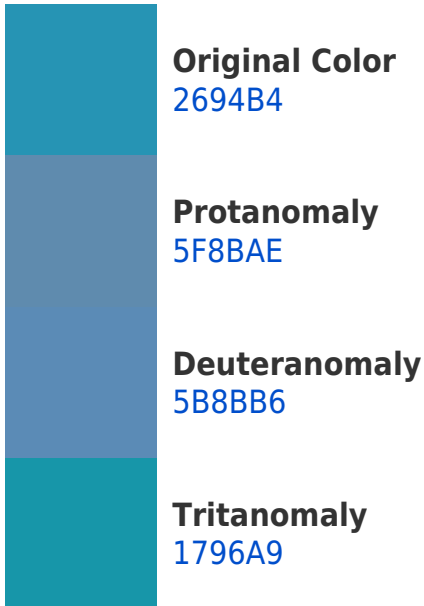
Dichromacy





Tritanopia
0F97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2694B4 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 #2694B4 looks like.

```
.text, #text, p{  
    color:#2694B4  
}
```

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 #2694B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2694B4
}
```

Border

The CSS property to change the border of an element to Hex 2694B4 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
#2694B4 }
```

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

```
.border{ border-color:#2694B4 }
```

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

Here you see how a box with a 4 pixel #2694B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2694B4; -webkit-box-shadow:4px 4px  
4px 4px #2694B4; box-shadow:4px 4px 4px  
4px #2694B4 }
```

Background

The CSS property to change the background color of an element to Hex 2694B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2694B4 }
```

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

```
.background{ background-color:#2694B4 }
```

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