

Converting Colors

Hex(1584C3)

Have a look what the booklet for
Hex(1584C3) contains.

Hex(1584C3)	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(1584C3)

Conversions

Conversions Part 1

Format	Color
Hex	1584C3
RGB	21, 132, 195
RGB Percent	8%, 52%, 76%
CMY	0.9176, 0.4824, 0.2353
CMYK	0.89, 0.32, 0.00, 0.24
HSL	202°, 81%, 42%
HSV	202°, 89%, 76%
XYZ	18.4109, 20.6021, 54.6360
YIQ	105.9930, -86.3790, -3.9390

Conversions

Conversions Part 2

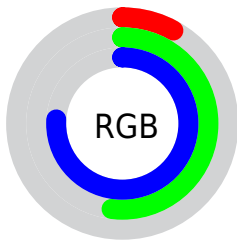
Format	Color
R_{YB}	21, 89, 195
Decimal	1410243
CIE _{Lab}	52.51, -6.01, -40.81
CIE _{LCh}	53, 41.246, 261.626
Yxy	20.6021, 0.1966, 0.2200
Android (android.graphics.Color)	4279600323 (0xFF1584C3)
YUV	105.9930, 43.8805, -74.5389
Hunter-Lab	45.3895, -7.0287, -39.5955

Details

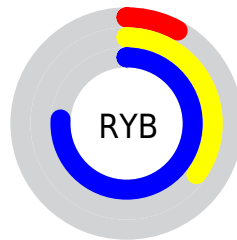
The Hex color **1584C3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C35415**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **65B9FC**, and **00538D** is the 20% darker color. If you saturate the color by 10%, you get **027DC3**, and if you desaturate by 10%, it is **298BC3**.

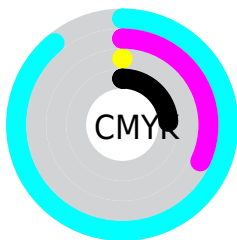
Distribution



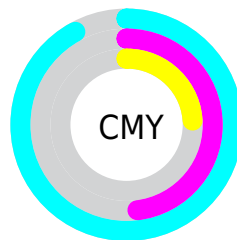
- Red (8%)
- Green (52%)
- Blue (76%)



- Red (8%)
- Yellow (35%)
- Blue (76%)



- Cyan (89%)
- Magenta (32%)
- Yellow (0%)
- Black (24%)



- Cyan (92%)
- Magenta (48%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1584C3 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 1584C3 by changing the saturation by 10% instead.

■ 1584C3

■ 1584C3

FFFFFF

■ 006BA8

■ 65B9FC

■ 00538D

■ 84D4FF

■ 003C73

■ A3F1FF

■ 00275A

■ C1FFFF

■ 001242

■ DFFFFF

■ 00032B

FDFFFF

■ 000116

■ 000000

■ 1584C3

■ 1584C3

■ 027DC3

■ 298BC3

■ 007CC3

■ 3C92C3

■ 4F99C3

■ 63A0C3

■ 77A7C3

■ 8AAEC3

■ 9EB5C3

■ B1BCC3

■ C4C4C3

Harmonies

Analogous

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



008CB4



1584C3



7078BF

Triad

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



1584C3



C06165



4F8B50

Complementary

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



1584C3



C35415

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.



798339



1584C3



B46B47

Square

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



1584C3



BA6089



9B7835



008F72

Rectangle

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



1584C3



926FB2



9B7835



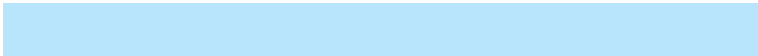
5E8946

Sweetspot

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



1584C3



B8E4FC



15C352



577180



000000



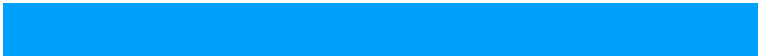
808080

Same Dimension

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



1584C3



00A1FC



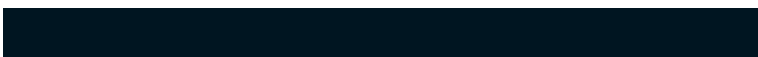
152FC3



575D61



0066A1



001521

Inverse Universe

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



C31584



FC00A1



C3A915



61575D



A10066



210015

Previews

White Background



This preview shows how the Hex color 1584C3 looks on a white background.

Color Contrast Check

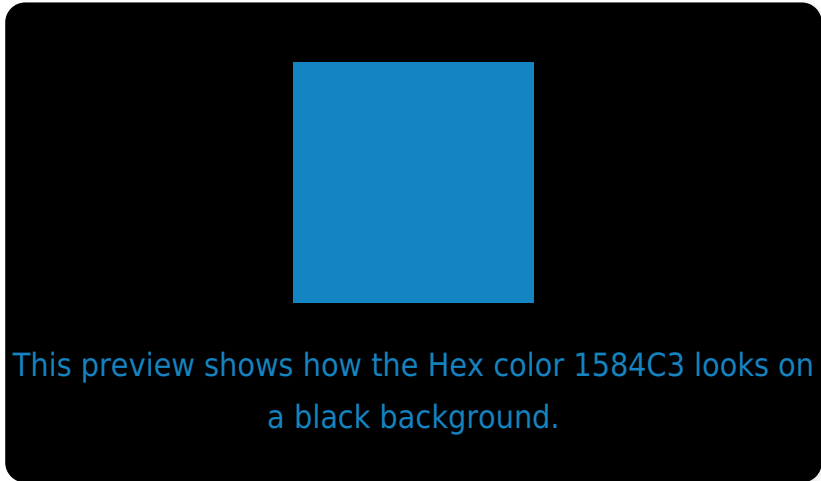
Large Text (above 18pt) WCAG AA ✓ Pass

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

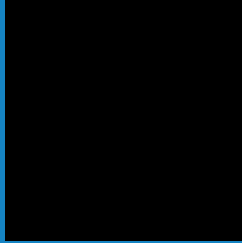
Any Text WCAG AA ✓ Pass

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 1584C3 Background



This preview shows how black text looks on a background with the Hex color 1584C3.

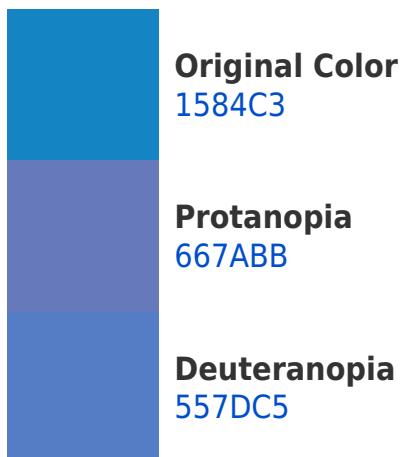


This preview shows how white text looks on a background with the Hex color 1584C3.

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
008B95

Trichromacy



Original Color
1584C3

Protanomaly
497EBE

Deuteranomaly
3E80C4

Tritanomaly
0888A6

Monochromacy



Original Color
1584C3

Achromatopsia
6A6A6A

Achromatomaly
4B738A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1584C3 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 #1584C3 looks like.

```
.text, #text, p{  
    color:#1584C3  
}
```

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 #1584C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1584C3
}
```

Border

The CSS property to change the border of an element to Hex 1584C3 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
#1584C3 }
```

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

```
.border{ border-color:#1584C3 }
```

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

Here you see how a box with a 4 pixel #1584C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1584C3; -webkit-box-shadow:4px 4px  
4px 4px #1584C3; box-shadow:4px 4px 4px  
4px #1584C3 }
```

Background

The CSS property to change the background color of an element to Hex 1584C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1584C3 }
```

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

```
.background{ background-color:#1584C3 }
```

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