

# Converting Colors

Hex(1D73C3)

Have a look what the booklet for  
Hex(1D73C3) contains.

<b>Hex(1D73C3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(1D73C3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D73C3
RGB	29, 115, 195
RGB Percent	11%, 45%, 76%
CMY	0.8863, 0.5490, 0.2353
CMYK	0.85, 0.41, 0.00, 0.24
HSL	209°, 74%, 44%
HSV	209°, 85%, 76%
XYZ	16.4878, 16.4628, 53.9384
YIQ	98.4060, -76.9360, 6.6480

# Conversions

## Conversions Part 2

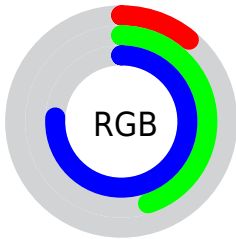
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 86, 195
Decimal	1930179
CIE <sub>Lab</sub>	47.58, 4.82, -48.64
CIE <sub>LCh</sub>	48, 48.874, 275.660
Yxy	16.4628, 0.1898, 0.1895
Android (android.graphics.Color)	4280120259 (0xFF1D73C3)
YUV	98.4060, 47.6208, -60.8691
Hunter-Lab	40.5744, 1.5299, -50.4163

# Details

The Hex color **1D73C3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C36D1D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **68A6FC**, and **00448D** is the 20% darker color. If you saturate the color by 10%, you get **0A6AC3**, and if you desaturate by 10%, it is **317CC3**.

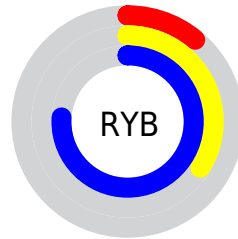
# Distribution



Red (11%)

Green (45%)

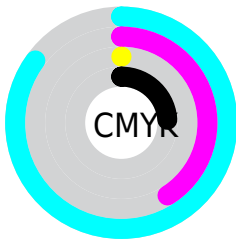
Blue (76%)



Red (11%)

Yellow (34%)

Blue (76%)

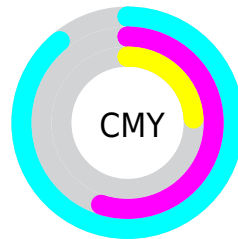


Cyan (85%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (89%)

Magenta (55%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D73C3 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 1D73C3 by changing the saturation by 10% instead.



■ 1D73C3

■ 1D73C3

FFFFFF

■ 005BA7

■ 68A6FC

■ 00448D

■ 87C1FF

■ 002E73

■ A5DDFF

■ 001B5A

■ C3FAFF

■ 000742

■ E1FFFF

■ 00032B

■ 000115

■ 000000

■ 1D73C3

■ 1D73C3

■ 0A6AC3

■ 317CC3

■ 0065C3

■ 4486C3

■ 588FC3

■ 6B99C3

■ 7FA2C3

■ 92ABC3

■ A6B5C3

■ B9BEC3

■ CDC8C3

# Harmonies

## Analogous

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



007EBC



1D73C3



7C63B4

# Triad

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



1D73C3



B75243



00824D

# Complementary

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



1D73C3



C36D1D

# 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.



547C29



1D73C3



A16223

# Square

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



1D73C3



BB4A6B



7F7115



008578

# Rectangle

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



1D73C3



9D57A0



7F7115



2B8140



# Sweetspot

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



1D73C3



BBDDFC



1DC36A



586C80



000000



808080



# Same Dimension

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



1D73C3



0083FC



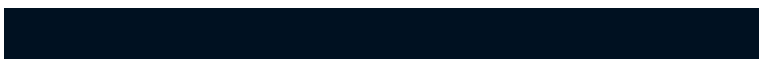
1D23C3



575C61



0053A1



001121



# Inverse Universe

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



C31D73



FC0083



C3BD1D



61575C



A10053



210011



# Previews

## White Background



This preview shows how the Hex color 1D73C3 looks on a white 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

# Black Background



This preview shows how the Hex color 1D73C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

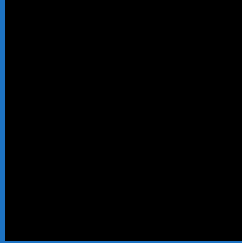
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D73C3 Background



This preview shows how black text looks on a background with the Hex color 1D73C3.



This preview shows how white text looks on a background with the Hex color 1D73C3.

# 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**  
1D73C3

**Protanopia**  
4E6EBE

**Deuteranopia**  
2D72C3



**Tritanopia**  
007D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D73C3 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 #1D73C3 looks like.

```
.text, #text, p{  
    color:#1D73C3  
}
```

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 #1D73C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D73C3
}
```

## Border

The CSS property to change the border of an element to Hex 1D73C3 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
#1D73C3 }
```

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

```
.border{ border-color:#1D73C3 }
```

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

Here you see how a box with a 4 pixel #1D73C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D73C3; -webkit-box-shadow:4px 4px  
4px 4px #1D73C3; box-shadow:4px 4px 4px  
4px #1D73C3 }
```

# Background

The CSS property to change the background color of an element to Hex 1D73C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D73C3 }
```

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

```
.background{ background-color:#1D73C3 }
```

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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