

Converting Colors

Decimal(1864683)

Have a look what the booklet for
Decimal(1864683) contains.

Decimal(1864683)	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

Decimal(1864683)

Conversions

Conversions Part 1

Format	Color
Hex	1C73EB
RGB	28, 115, 235
RGB Percent	11%, 45%, 92%
CMY	0.8902, 0.5490, 0.0784
CMYK	0.88, 0.51, 0.00, 0.08
HSL	215°, 84%, 52%
HSV	215°, 88%, 92%
XYZ	21.6050, 18.5065, 81.0307
YIQ	102.6670, -90.3720, 18.8760

Conversions

Conversions Part 2

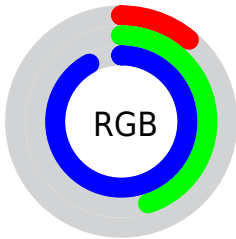
Format	Color
R _Y B	28, 89, 235
Decimal	1864683
CIE Lab	50.10, 20.21, -67.27
CIE LCh	50, 70.240, 286.724
Yxy	18.5065, 0.1783, 0.1528
Android (android.graphics.Color)	4280054763 (0xFF1C73EB)
YUV	102.6670, 65.2402, -65.4830
Hunter-Lab	43.0192, 14.3624, -81.5648

Details

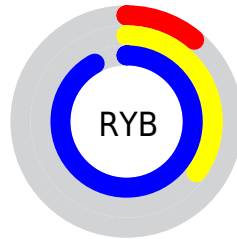
The Decimal color **1864683** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **15438876**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **7513855**, and **17586** is the 20% darker color. If you saturate the color by 10%, you get **288235**, and if you desaturate by 10%, it is **3441131**.

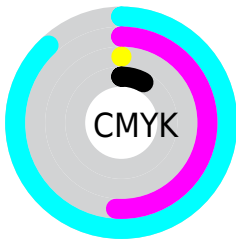
Distribution



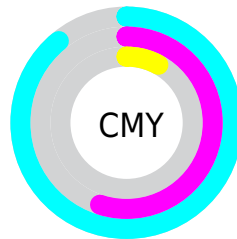
- Red (11%)
- Green (45%)
- Blue (92%)



- Red (11%)
- Yellow (35%)
- Blue (92%)



- Cyan (88%)
- Magenta (51%)
- Yellow (0%)
- Black (8%)



- Cyan (89%)
- Magenta (55%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1864683 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 Decimal color 1864683 by changing the saturation by 10% instead.

■ 1864683

■ 1864683

16777215

■ 23502

■ 7513855

■ 17586

■ 9617919

■ 12183

■ 11722239

■ 7548

■ 13761023

■ 355

■ 15794175

■ 2378

■ 1074

■ 540

■ 0

■ 1864683

■ 1864683

■ 288235

■ 3441131

■ 25579

■ 4951787

■ 6462699

■ 8038891

■ 9615339

■ 11126251

■ 12702443

■ 14213355

■ 15789803

Harmonies

Analogous

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



34540



1864683



10638794

Triad

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



1864683



13454879



36954

Complementary

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



1864683



15438876

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.



1804823



1864683



10906368

Square

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



1864683



14626905



7438080



37272

Rectangle

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



1864683



13057704



7438080



36421

Sweetspot

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



1864683



12442111



1895313



5794176



0



8421504

Same Dimension

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



1864683



27647



2759915



6975349



19637



5942

Inverse Universe

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



15408243



16711787



14543644



7694959



11862092



3538967

Previews

White Background



This preview shows how the Decimal color 1864683 looks on a white background.

Color Contrast Check

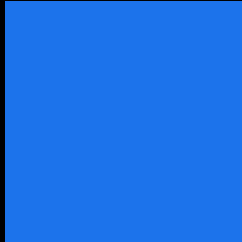
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 1864683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

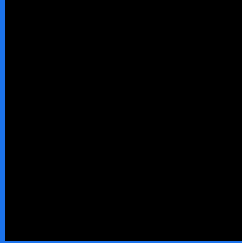
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

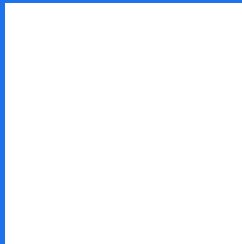
Any Text WCAG AAA × Fail

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

Decimal 1864683 Background



This preview shows how black text looks on a background with the Decimal color 1864683.



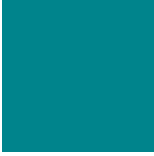
This preview shows how white text looks on a background with the Decimal color 1864683.

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
33932

Trichromacy



Original Color
1864683

Protanomaly
2388714

Deuteranomaly
686043

Tritanomaly
687791

Monochromacy



Original Color
1864683

Achromatopsia
6776679

Achromatomaly
5008279

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1864683 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 #1C73EB looks like.

```
.text, #text, p{  
  color:#1C73EB  
}
```

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 #1C73EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C73EB
}
```

Border

The CSS property to change the border of an element to Decimal 1864683 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
#1C73EB }
```

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

```
.border{ border-color:#1C73EB }
```

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

Here you see how a box with a 4 pixel #1C73EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C73EB; -webkit-box-shadow:4px 4px  
4px 4px #1C73EB; box-shadow:4px 4px 4px  
4px #1C73EB }
```

Background

The CSS property to change the background color of an element to Decimal 1864683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C73EB }
```

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

```
.background{ background-color:#1C73EB }
```

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