

Converting Colors

Hex(1689F2)

Have a look what the booklet for
Hex(1689F2) contains.

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Color

Hex(1689F2)

Conversions

Conversions Part 1

Format	Color
Hex	1689F2
RGB	22, 137, 242
RGB Percent	9%, 54%, 95%
CMY	0.9137, 0.4627, 0.0510
CMYK	0.91, 0.43, 0.00, 0.05
HSL	209°, 89%, 52%
HSV	209°, 91%, 95%
XYZ	25.3035, 24.4727, 87.3945
YIQ	114.5850, -102.2450, 8.2750

Conversions

Conversions Part 2

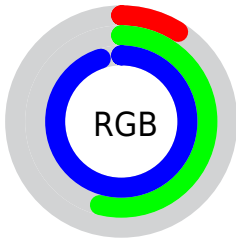
Format	Color
R_{YB}	22, 98, 242
Decimal	1477106
CIE Lab	56.56, 8.90, -60.77
CIE LCh	57, 61.416, 278.333
Yxy	24.4727, 0.1845, 0.1784
Android (android.graphics.Color)	4279667186 (0xFF1689F2)
YUV	114.5850, 62.8156, -81.1970
Hunter-Lab	49.4699, 4.7294, -70.1139

Details

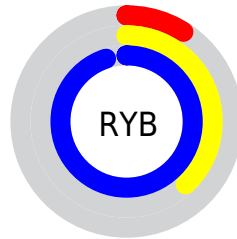
The Hex color **1689F2** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F27F16**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **71BEFF**, and **0058B9** is the 20% darker color. If you saturate the color by 10%, you get **007EF2**, and if you desaturate by 10%, it is **2E95F2**.

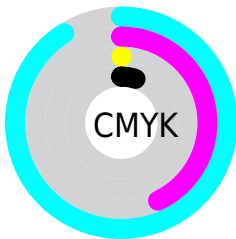
Distribution



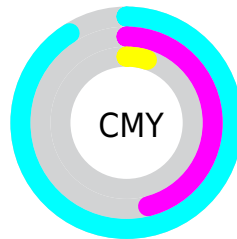
- Red (9%)
- Green (54%)
- Blue (95%)



- Red (9%)
- Yellow (38%)
- Blue (95%)



- Cyan (91%)
- Magenta (43%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (46%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1689F2 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 1689F2 by changing the saturation by 10% instead.

 1689F2

 1689F2

FFFFFF

 0070D5

 71BEFF

 0058B9

 92D9FF

 00429E

 B2F6FF

 002D83

 D1FFFF

 001A69

 F1FFFF

 000A50

 000538

 000222

 000008

■ 1689F2

■ 1689F2

■ 007EF2

■ 2E95F2

■ 46A0F2

■ 5FACF2

■ 77B7F2

■ 8FC3F2

■ A7CEF2

■ BFDAF2

■ D8E5F2

■ F0F1F2

Harmonies

Analogous

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



0098EB



1689F2



9D73DC

Triad

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



1689F2



DF6048



009E5E

Complementary

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



1689F2



F27F16

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.



5B972B



1689F2



C1761C

Square

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



1689F2



E7527B



948A01



00A196

Rectangle

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



1689F2



C562C1



948A01



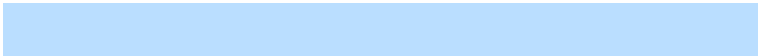
0F9C4C

Sweetspot

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



1689F2



BADEFF



16F27D



576C80



000000



808080

Same Dimension

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



1689F2



0085FF



161DF2



6C7278



0060B8



001D38

Inverse Universe

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



F21689



FF0085



F2EB16



786C72



B80060



38001D

Previews

White Background



This preview shows how the Hex color 1689F2 looks on a white background.

Color Contrast Check

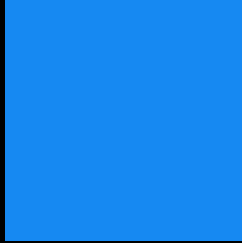
Large Text (above 18pt) WCAG AA ✓ Pass

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 1689F2 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

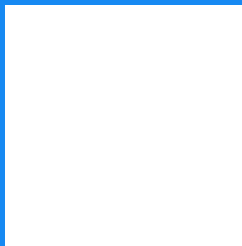
Any Text WCAG AAA × Fail

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

Hex 1689F2 Background



This preview shows how black text looks on a background with the Hex color 1689F2.



This preview shows how white text looks on a background with the Hex color 1689F2.

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](#).

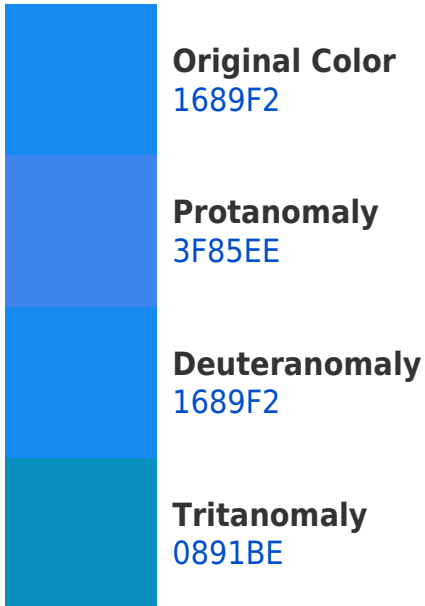
Dichromacy



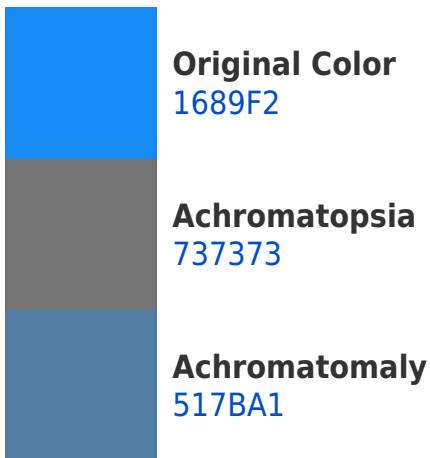


Tritanopia
0096A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1689F2 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 #1689F2 looks like.

```
.text, #text, p{  
    color:#1689F2  
}
```

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 #1689F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1689F2
}
```

Border

The CSS property to change the border of an element to Hex 1689F2 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
#1689F2 }
```

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

```
.border{ border-color:#1689F2 }
```

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

Here you see how a box with a 4 pixel #1689F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1689F2; -webkit-box-shadow:4px 4px  
4px 4px #1689F2; box-shadow:4px 4px 4px  
4px #1689F2 }
```

Background

The CSS property to change the background color of an element to Hex 1689F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1689F2 }
```

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

```
.background{ background-color:#1689F2 }
```

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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