

Converting Colors

Hex(1682E0)

Have a look what the booklet for
Hex(1682E0) contains.

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Color

Hex(1682E0)

Conversions

Conversions Part 1

Format	Color
Hex	1682E0
RGB	22, 130, 224
RGB Percent	9%, 51%, 88%
CMY	0.9137, 0.4902, 0.1216
CMYK	0.90, 0.42, 0.00, 0.12
HSL	208°, 82%, 48%
HSV	208°, 90%, 88%
XYZ	21.7681, 21.5177, 73.5270
YIQ	108.4240, -94.5420, 6.3380

Conversions

Conversions Part 2

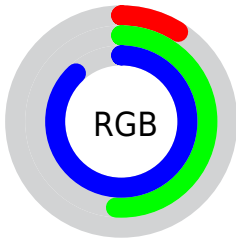
Format	Color
R_{YB}	22, 92, 224
Decimal	1475296
CIE _{Lab}	53.51, 6.29, -55.62
CIE _{LCh}	54, 55.973, 276.456
Yxy	21.5177, 0.1863, 0.1842
Android (android.graphics.Color)	4279665376 (0xFF1682E0)
YUV	108.4240, 56.9790, -75.7938
Hunter-Lab	46.3871, 2.5871, -61.5081

Details

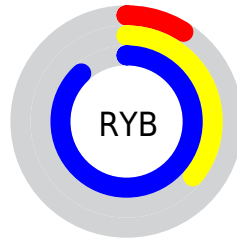
The Hex color **1682E0** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **E07416**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6CB6FF**, and **0052A8** is the 20% darker color. If you saturate the color by 10%, you get **0078E0**, and if you desaturate by 10%, it is **2C8CE0**.

Distribution



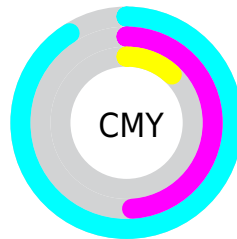
- Red (9%)
- Green (51%)
- Blue (88%)



- Red (9%)
- Yellow (36%)
- Blue (88%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (12%)



- Cyan (91%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1682E0 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 1682E0 by changing the saturation by 10% instead.

 1682E0

 1682E0

FFFFFF

 0069C4

 6CB6FF

 0052A8

 8DD2FF

 003B8D

 ACEEFF

 002773

 CBFFFF

 00125A

 EAFFFF

 000742

 00032A

 000115

 000000

■ 1682E0

■ 1682E0

■ 0078E0

■ 2C8CE0

■ 4397E0

■ 59A1E0

■ 70ACE0

■ 86B6E0

■ 9CC1E0

■ B3CBE0

■ C9D5E0

■ E0E0E0

Harmonies

Analogous

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



008FD8



1682E0



8F6ECE

Triad

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



1682E0



D05B49



009457

Complementary

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



1682E0



E07416

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.



5C8D2B



1682E0



B66F23

Square

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



1682E0



D65177



8F810F



009789

Rectangle

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



1682E0



B560B6



8F810F



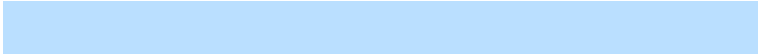
279248

Sweetspot

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



1682E0



BADFFF



16E071



576D80



000000



808080

Same Dimension

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



1682E0



0088FF



1620E0



656B70



005EB0



001A30

Inverse Universe

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



E01682



FF0088



E0D616



70656B



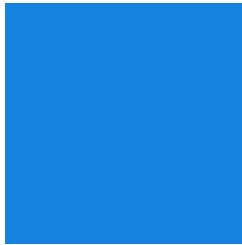
B0005E



30001A

Previews

White Background



This preview shows how the Hex color 1682E0 looks on a white background.

Color Contrast Check

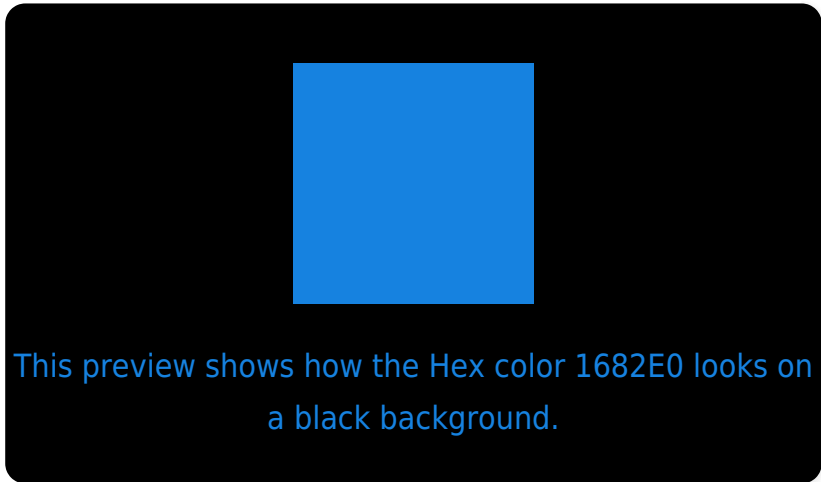
Large Text (above 18pt) WCAG AA ✓ Pass

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

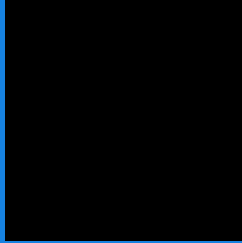
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

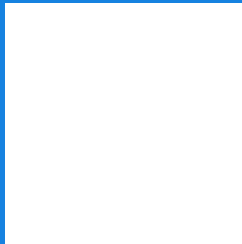
Any Text WCAG AAA × Fail

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

Hex 1682E0 Background



This preview shows how black text looks on a background with the Hex color 1682E0.

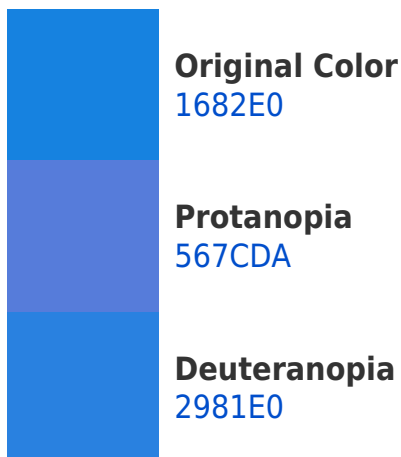


This preview shows how white text looks on a background with the Hex color 1682E0.

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](#).

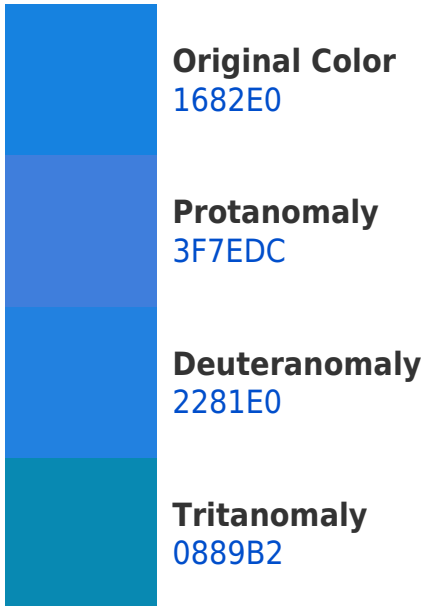
Dichromacy



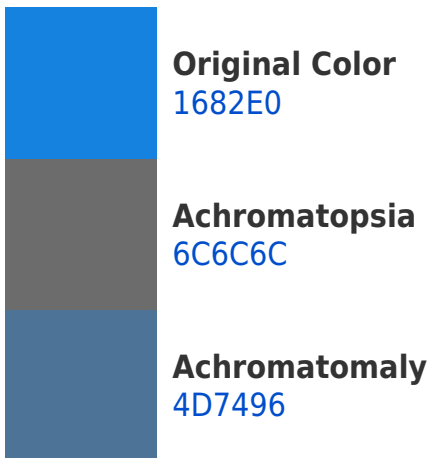


Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1682E0 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 #1682E0 looks like.

```
.text, #text, p{  
    color:#1682E0  
}
```

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 #1682E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1682E0
}
```

Border

The CSS property to change the border of an element to Hex 1682E0 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
#1682E0 }
```

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

```
.border{ border-color:#1682E0 }
```

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

Here you see how a box with a 4 pixel #1682E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1682E0; -webkit-box-shadow:4px 4px  
4px 4px #1682E0; box-shadow:4px 4px 4px  
4px #1682E0 }
```

Background

The CSS property to change the background color of an element to Hex 1682E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1682E0 }
```

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

```
.background{ background-color:#1682E0 }
```

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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