

Converting Colors

Hex(2095E5)

Have a look what the booklet for
Hex(2095E5) contains.

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Color

Hex(2095E5)

Conversions

Conversions Part 1

Format	Color
Hex	2095E5
RGB	32, 149, 229
RGB Percent	13%, 58%, 90%
CMY	0.8745, 0.4157, 0.1020
CMYK	0.86, 0.35, 0.00, 0.10
HSL	204°, 79%, 51%
HSV	204°, 86%, 90%
XYZ	25.4860, 27.4591, 78.0856
YIQ	123.1370, -95.4120, 0.0760

Conversions

Conversions Part 2

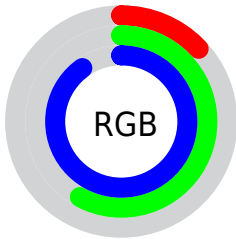
Format	Color
RYP	32, 105, 229
Decimal	2135525
CIELab	59.40, -2.56, -49.02
CIElCh	59, 49.092, 267.005
Yxy	27.4591, 0.1945, 0.2096
Android (android.graphics.Color)	4280325605 (0xFF2095E5)
YUV	123.1370, 52.1905, -79.9271
Hunter-Lab	52.4014, -4.8873, -51.6696

Details

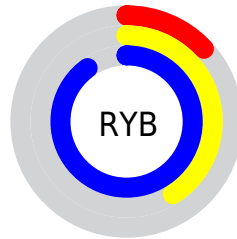
The Hex color **2095E5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **E57020**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **71CBFF**, and **0063AD** is the 20% darker color. If you saturate the color by 10%, you get **098CE5**, and if you desaturate by 10%, it is **379EE5**.

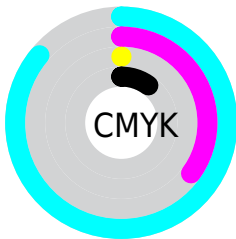
Distribution



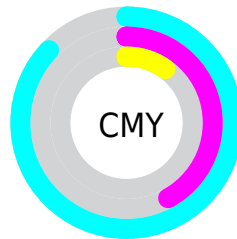
- Red (13%)
- Green (58%)
- Blue (90%)



- Red (13%)
- Yellow (41%)
- Blue (90%)



- Cyan (86%)
- Magenta (35%)
- Yellow (0%)
- Black (10%)



- Cyan (87%)
- Magenta (42%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2095E5 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 2095E5 by changing the saturation by 10% instead.

 2095E5

 2095E5

FFFFFF

 007BC9

 71CBFF

 0063AD

 91E7FF

 004B92

 B1FFFF


 003578

 D0FFFF

 00215F

 EFFFFFF

 000846

 00042F

 000119

 000000

■ 2095E5

■ 2095E5

■ 098CE5

■ 379EE5

■ 0088E5

■ 4EA8E5

■ 65B1E5

■ 7CBAE5

■ 93C3E5

■ A9CDE5

■ C0D6E5

■ D7DFE5

■ EEE9E5

Harmonies

Analogous

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



009FD7



2095E5



8A85DC

Triad

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



2095E5



DE6D6A



49A05E

Complementary

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



2095E5



E57020

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.



81983E



2095E5



CC7B47

Square

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



2095E5



DB6A95



AB8B35



00A489

Rectangle

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



2095E5



B17ACA



AB8B35



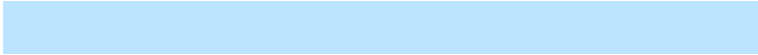
5E9E52

Sweetspot

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



2095E5



BDE4FF



20E56F



586F80



000000



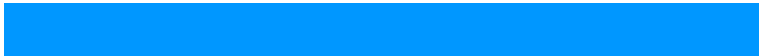
808080

Same Dimension

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



2095E5



0097FF



2034E5



676E73



006AB3



001E33

Inverse Universe

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



E52095



FF0097



E5D120



73676E



B3006A



33001E

Previews

White Background



This preview shows how the Hex color 2095E5 looks on a white background.

Color Contrast Check

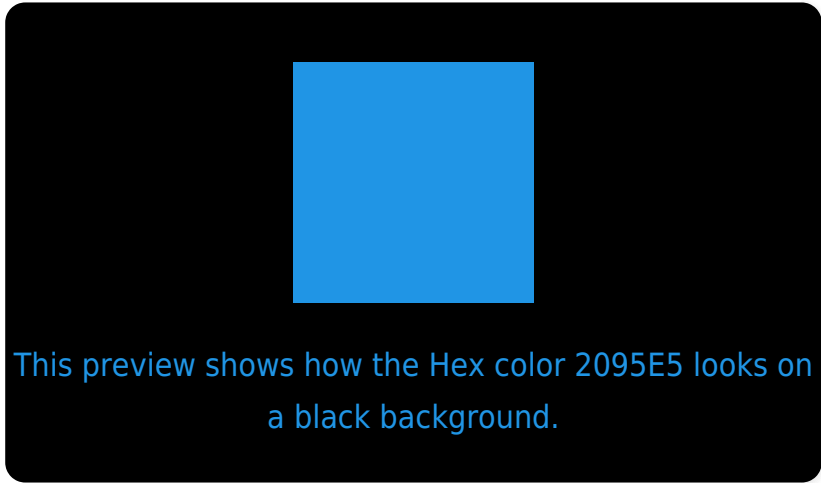
Large Text (above 18pt) WCAG AA ✓ Pass

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

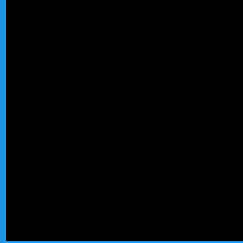
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

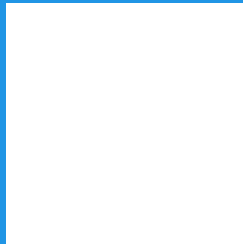
Any Text WCAG AAA × Fail

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

Hex 2095E5 Background



This preview shows how black text looks on a background with the Hex color 2095E5.

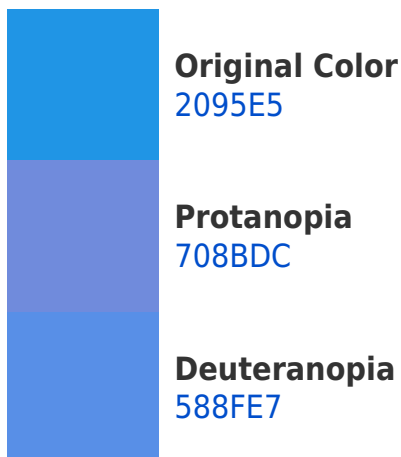


This preview shows how white text looks on a background with the Hex color 2095E5.

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](#).

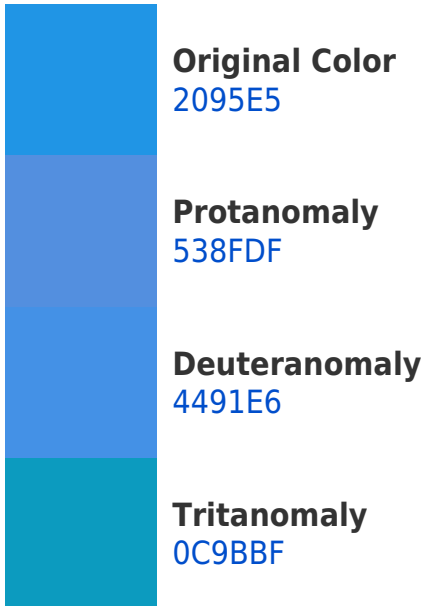
Dichromacy



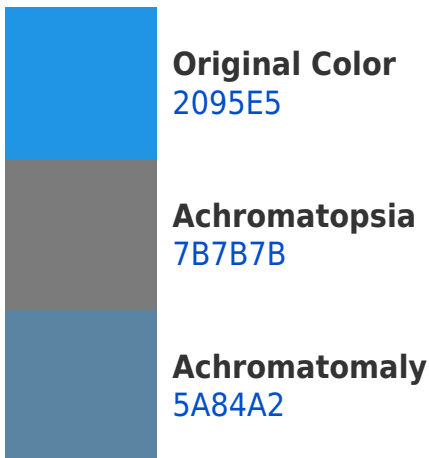


Tritanopia
009EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2095E5 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 #2095E5 looks like.

```
.text, #text, p{  
    color:#2095E5  
}
```

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 #2095E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2095E5
}
```

Border

The CSS property to change the border of an element to Hex 2095E5 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
#2095E5 }
```

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

```
.border{ border-color:#2095E5 }
```

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

Here you see how a box with a 4 pixel #2095E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2095E5; -webkit-box-shadow:4px 4px  
4px 4px #2095E5; box-shadow:4px 4px 4px  
4px #2095E5 }
```

Background

The CSS property to change the background color of an element to Hex 2095E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2095E5 }
```

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

```
.background{ background-color:#2095E5 }
```

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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