

Converting Colors

Hex(1E95CC)

Have a look what the booklet for
Hex(1E95CC) contains.

Hex(1E95CC)	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

Hex(1E95CC)

Conversions

Conversions Part 1

Format	Color
Hex	1E95CC
RGB	30, 149, 204
RGB Percent	12%, 58%, 80%
CMY	0.8824, 0.4157, 0.2000
CMYK	0.85, 0.27, 0.00, 0.20
HSL	199°, 74%, 46%
HSV	199°, 85%, 80%
XYZ	22.1819, 26.1305, 61.0013
YIQ	119.6890, -88.5790, -8.1230

Conversions

Conversions Part 2

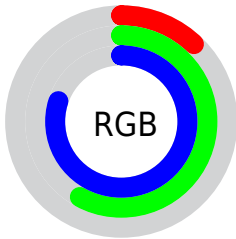
Format	Color
RYB	30, 101, 204
Decimal	2004428
CIELab	58.16, -11.82, -37.01
CIELCh	58, 38.854, 252.290
Yxy	26.1305, 0.2029, 0.2390
Android (android.graphics.Color)	4280194508 (0xFF1E95CC)
YUV	119.6890, 41.5653, -78.6573
Hunter-Lab	51.1180, -11.9990, -34.9706

Details

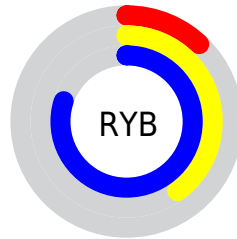
The Hex color **1E95CC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CC551E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6BCBFF**, and **006296** is the 20% darker color. If you saturate the color by 10%, you get **0A8FCC**, and if you desaturate by 10%, it is **329BCC**.

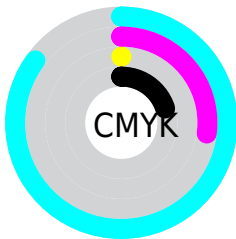
Distribution



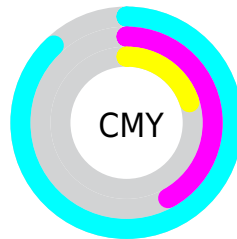
- Red (12%)
- Green (58%)
- Blue (80%)



- Red (12%)
- Yellow (40%)
- Blue (80%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (88%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E95CC 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 1E95CC by changing the saturation by 10% instead.

 1E95CC

 1E95CC

FFFFFF

 007BB0

 6BCBFF

 006296

 8AE7FF

 004B7B

 A9FFFF

 003462

 C7FFFF

 00204A

 E6FFFF

 000433

 00021D

 000000

 1E95CC

 1E95CC

■ 0A8FCC

■ 329BCC

■ 008CCC

■ 47A2CC

■ 5BA8CC

■ 70AFCC

■ 84B5CC

■ 98BCCC

■ ADC2CC

■ C1C9CC

■ D6CFCC

Harmonies

Analogous

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



009BB9



1E95CC



6F8ACE

Triad

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



1E95CC



CD707F



6E9758

Complementary

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



1E95CC



CC551E

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.



938E48



1E95CC



C77760

Square

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



1E95CC



C173A1



B2834B



3E9C76

Rectangle

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



1E95CC



9282C5



B2834B



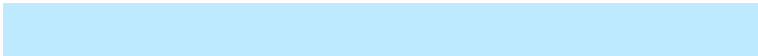
7B9451

Sweetspot

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



1E95CC



BDEAFF



1ECC52



587380



000000



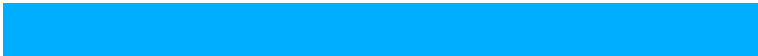
808080

Same Dimension

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



1E95CC



00AEFF



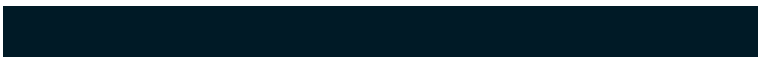
1E41CC



5C6366



0071A6



001A26

Inverse Universe

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



CC1E95



FF00AE



CCA91E



665C63



A60071



26001A

Previews

White Background



This preview shows how the Hex color 1E95CC looks on a white background.

Color Contrast Check

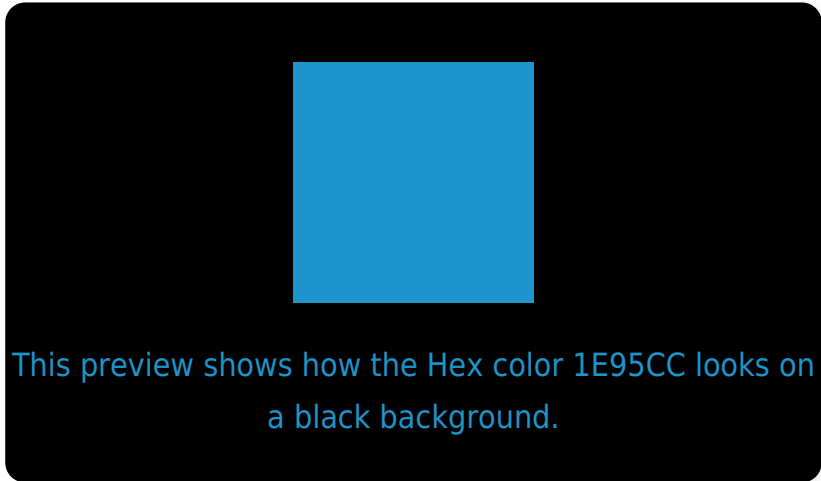
Large Text (above 18pt) WCAG AA ✓ Pass

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

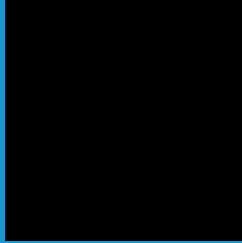
Any Text WCAG AA ✓ Pass

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 1E95CC Background



This preview shows how black text looks on a background with the Hex color 1E95CC.

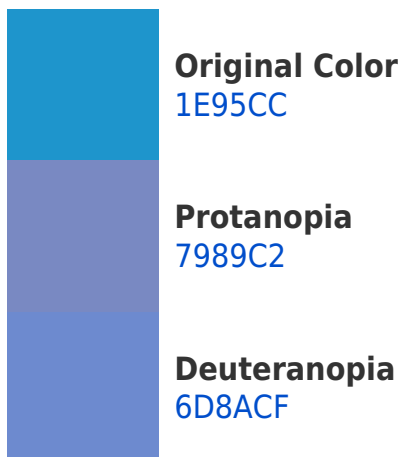


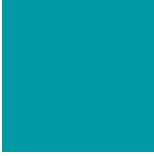
This preview shows how white text looks on a background with the Hex color 1E95CC.

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](#).

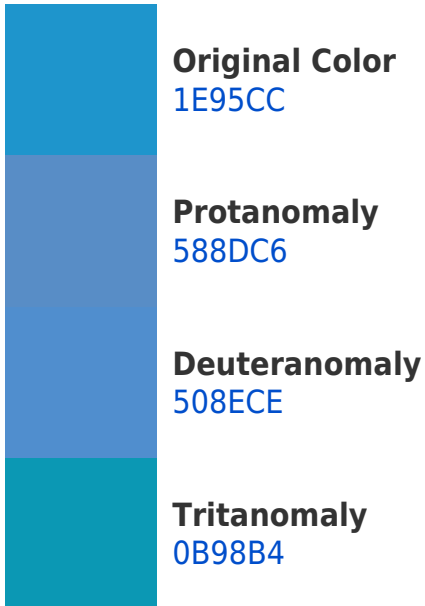
Dichromacy





Tritanopia
009AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E95CC 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 #1E95CC looks like.

```
.text, #text, p{  
    color:#1E95CC  
}
```

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 #1E95CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E95CC
}
```

Border

The CSS property to change the border of an element to Hex 1E95CC 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
#1E95CC }
```

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

```
.border{ border-color:#1E95CC }
```

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

Here you see how a box with a 4 pixel #1E95CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E95CC; -webkit-box-shadow:4px 4px  
4px 4px #1E95CC; box-shadow:4px 4px 4px  
4px #1E95CC }
```

Background

The CSS property to change the background color of an element to Hex 1E95CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E95CC }
```

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

```
.background{ background-color:#1E95CC }
```

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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