

# Converting Colors

Hex(208DC5)

Have a look what the booklet for  
Hex(208DC5) contains.

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# Color

Hex(208DC5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	208DC5
RGB	32, 141, 197
RGB Percent	13%, 55%, 77%
CMY	0.8745, 0.4471, 0.2275
CMYK	0.84, 0.28, 0.00, 0.23
HSL	200°, 72%, 45%
HSV	200°, 84%, 77%
XYZ	20.1986, 23.3880, 56.2731
YIQ	114.7930, -82.9400, -5.6920

# Conversions

## Conversions Part 2

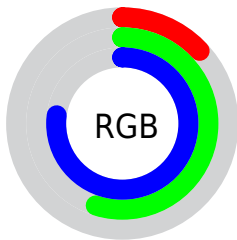
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 98, 197
Decimal	2133445
CIELab	55.47, -9.68, -37.28
CIELCh	55, 38.514, 255.438
Yxy	23.3880, 0.2023, 0.2342
Android (android.graphics.Color)	4280323525 (0xFF208DC5)
YUV	114.7930, 40.5281, -72.6095
Hunter-Lab	48.3612, -10.0796, -35.1370

# Details

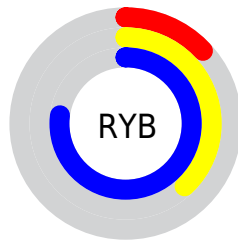
The Hex color **208DC5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C55820**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6AC2FE**, and **005B8F** is the 20% darker color. If you saturate the color by 10%, you get **0C86C5**, and if you desaturate by 10%, it is **3494C5**.

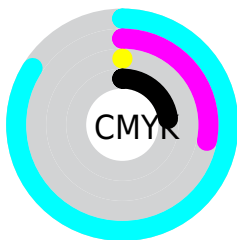
# Distribution



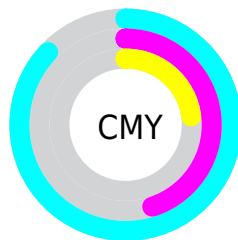
- Red (13%)
- Green (55%)
- Blue (77%)



- Red (13%)
- Yellow (38%)
- Blue (77%)



- Cyan (84%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (87%)
- Magenta (45%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 208DC5 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 208DC5 by changing the saturation by 10% instead.



■ 208DC5

■ 208DC5

FFFFFF

■ 0074AA

■ 6AC2FE

■ 005B8F

■ 89DEFF

■ 004475

■ A7FBFF

■ 002E5C

■ C5FFFF

■ 001A44

■ E4FFFF

■ 00032D

■ 000118

■ 000000

■ 208DC5

■ 208DC5

0C86C5

3494C5

0082C5

479AC5

5BA1C5

6FA8C5

83AEC5

96B5C5

AABCC5

BEC2C5

D1C9C5

# Harmonies

## Analogous

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



0094B4



208DC5



6E82C5

# Triad

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



208DC5



C56A75



639054

# Complementary

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



208DC5



C55820

# 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.



888842



208DC5



BD7157

# Square

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



208DC5



BB6C97



A77D44



319573

# Rectangle

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



208DC5



907ABB



A77D44



708E4D

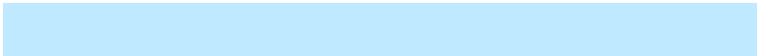


# Sweetspot

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



208DC5



BFE9FF



20C557



597380



000000



808080

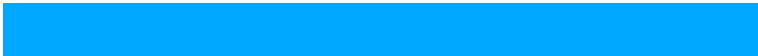


# Same Dimension

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



208DC5



00A8FF



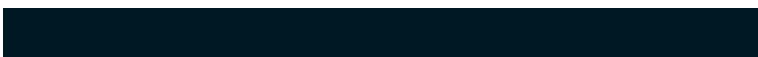
203CC5



5A6063



006CA3



001824



# Inverse Universe

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



C5208D



FF00A8



C5AA20



635A60



A3006C



240018



# Previews

## White Background



This preview shows how the Hex color 208DC5 looks on a white background.

## Color Contrast Check

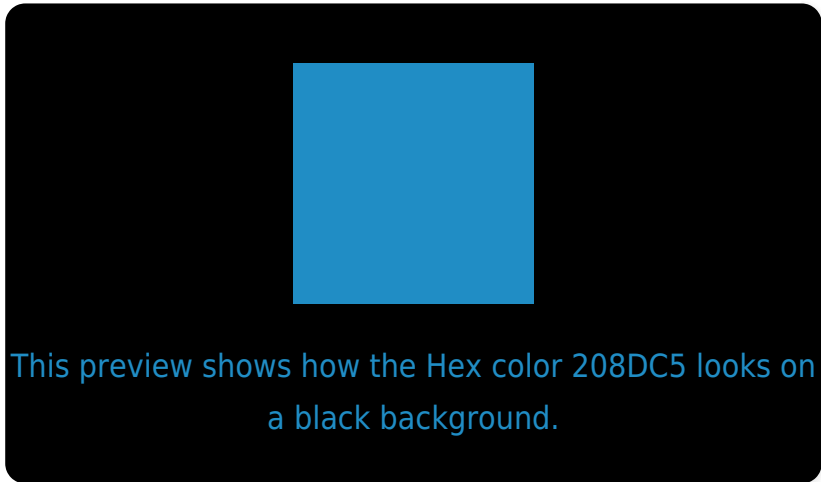
Large Text (above 18pt) WCAG AA ✓ Pass

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

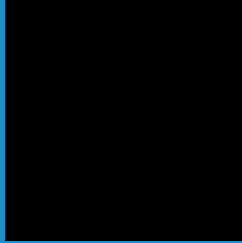
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 208DC5 Background



This preview shows how black text looks on a background with the Hex color 208DC5.

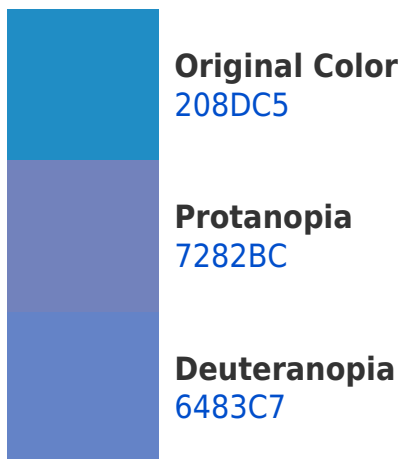


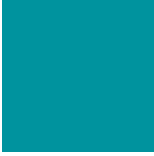
This preview shows how white text looks on a background with the Hex color 208DC5.

# 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](#).

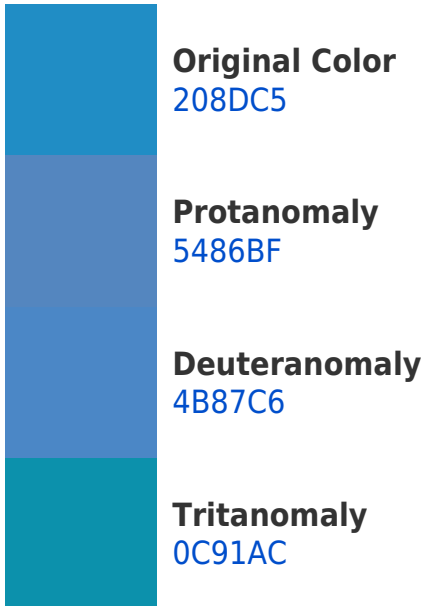
## Dichromacy



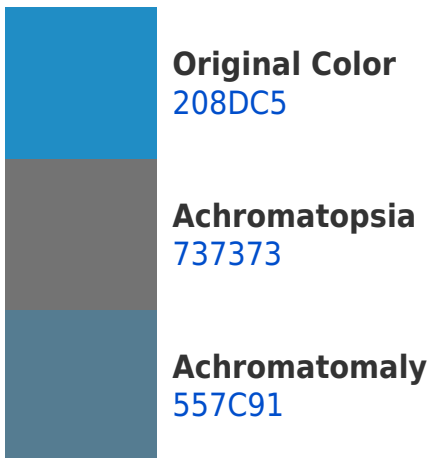


**Tritanopia**  
00939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 208DC5 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 #208DC5 looks like.

```
.text, #text, p{  
    color:#208DC5  
}
```

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 #208DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208DC5
}
```

## Border

The CSS property to change the border of an element to Hex 208DC5 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
#208DC5 }
```

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

```
.border{ border-color:#208DC5 }
```

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

Here you see how a box with a 4 pixel #208DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208DC5; -webkit-box-shadow:4px 4px  
4px 4px #208DC5; box-shadow:4px 4px 4px  
4px #208DC5 }
```

# Background

The CSS property to change the background color of an element to Hex 208DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208DC5 }
```

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

```
.background{ background-color:#208DC5 }
```

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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