

# Converting Colors

Decimal(5542609)

Have a look what the booklet for  
Decimal(5542609) contains.

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# **Color**

**Decimal(5542609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5492D1
RGB	84, 146, 209
RGB Percent	33%, 57%, 82%
CMY	0.6706, 0.4275, 0.1804
CMYK	0.60, 0.30, 0.00, 0.18
HSL	210°, 58%, 57%
HSV	210°, 60%, 82%
XYZ	25.4437, 27.0460, 64.2010
YIQ	134.6440, -57.1750, 6.4490

# Conversions

## Conversions Part 2

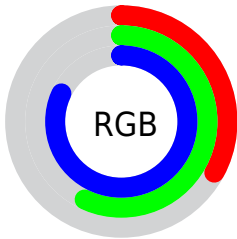
Format	Color
R <sub>Y</sub> B	84, 125, 209
Decimal	5542609
CIE Lab	59.02, -1.11, -38.37
CIE LCh	59, 38.386, 268.350
Yxy	27.0460, 0.2180, 0.2318
Android (android.graphics.Color)	4283732689 (0xFF5492D1)
YUV	134.6440, 36.6575, -44.4148
Hunter-Lab	52.0058, -3.6796, -36.7892

# Details

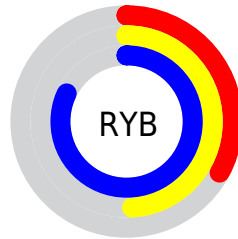
The Decimal color **5542609** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **13734740**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **9423103**, and **24730** is the 20% darker color. If you saturate the color by 10%, you get **4163537**, and if you desaturate by 10%, it is **6921681**.

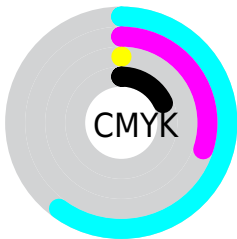
# Distribution



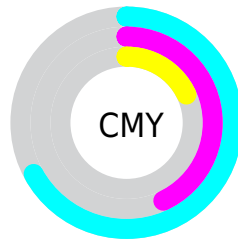
- Red (33%)
- Green (57%)
- Blue (82%)



- Red (33%)
- Yellow (49%)
- Blue (82%)



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (67%)
- Magenta (43%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5542609 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 Decimal color 5542609 by changing the saturation by 10% instead.



■ 5542609

■ 5542609

16777215

■ 3438773

■ 9423103

■ 24730

■ 11330815

■ 18560

■ 13238271

■ 12903

■ 15204351

■ 7758

■ 1335

■ 545

■ 5

■ 0

■ 5542609

■ 5542609

■ 4163537

■ 6921681

■ 2784721

■ 8300497

■ 1405649

■ 9679569

■ 26833

■ 11058385

■ 12371921

■ 13750737

■ 15129809

■ 16508625

■ 16773585

# Harmonies

## Analogous

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



39879



5542609



9340617

# Triad

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



5542609



13464944



5872745

# Complementary

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



5542609



13734740

# 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.



8558161



5542609



12549973

# Square

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



5542609



13333393



10849098



1875851

# Rectangle

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



5542609



11239099



10849098



6855264

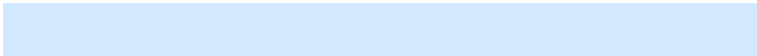


# Sweetspot

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



5542609



13756671



5558675



6517120



0



8421504



# Same Dimension

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



5542609



4694783



5526737



6185833



21416



5161



# Inverse Universe

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



13718674



16730018



13750612



6905443



11010131

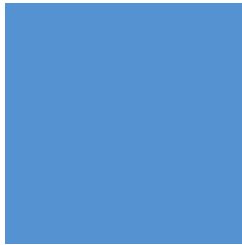


2686996



# Previews

## White Background



This preview shows how the Decimal color 5542609 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 Decimal color 5542609 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

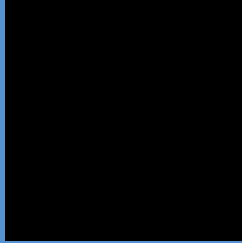
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5542609 Background



This preview shows how black text looks on a background with the Decimal color 5542609.




This preview shows how white text looks on a background with the Decimal color 5542609.

# 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**  
4299431

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5542609 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 #5492D1 looks like.

```
.text, #text, p{  
  color:#5492D1  
}
```

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 #5492D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5492D1
}
```

## Border

The CSS property to change the border of an element to Decimal 5542609 is called "border". The border property can be set on classes, ids or directly on the HTML element.

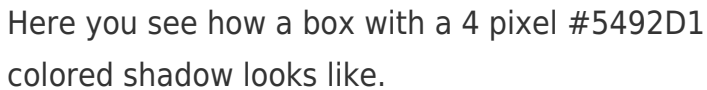
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5492D1 }
```

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

```
.border{ border-color:#5492D1 }
```

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



Here you see how a box with a 4 pixel #5492D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5492D1; -webkit-box-shadow:4px 4px  
4px 4px #5492D1; box-shadow:4px 4px 4px  
4px #5492D1 }
```

# Background

The CSS property to change the background color of an element to Decimal 5542609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5492D1 }
```

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

```
.background{ background-color:#5492D1 }
```

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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