

# Converting Colors

Decimal(3508432)

Have a look what the booklet for  
Decimal(3508432) contains.

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# Color

**Decimal(3508432)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3588D0
RGB	53, 136, 208
RGB Percent	21%, 53%, 82%
CMY	0.7922, 0.4667, 0.1843
CMYK	0.75, 0.35, 0.00, 0.18
HSL	208°, 62%, 51%
HSV	208°, 75%, 82%
XYZ	21.6575, 22.9193, 62.9569
YIQ	119.3910, -72.5800, 4.7960

# Conversions

## Conversions Part 2

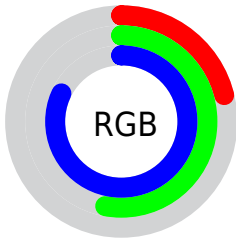
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 107, 208
Decimal	3508432
CIE <sub>Lab</sub>	54.99, -0.59, -44.22
CIE <sub>LCh</sub>	55, 44.228, 269.231
Yxy	22.9193, 0.2014, 0.2131
Android (android.graphics.Color)	4281698512 (0xFF3588D0)
YUV	119.3910, 43.6842, -58.2249
Hunter-Lab	47.8741, -3.0289, -44.4576

# Details

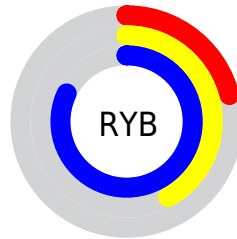
The Decimal color **3508432** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13663541**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **7847423**, and **22425** is the 20% darker color. If you saturate the color by 10%, you get **2129616**, and if you desaturate by 10%, it is **4887248**.

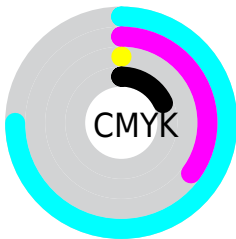
# Distribution



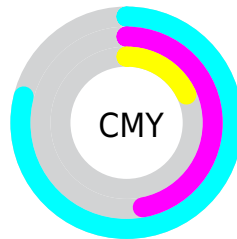
- Red (21%)
- Green (53%)
- Blue (82%)



- Red (21%)
- Yellow (42%)
- Blue (82%)



- Cyan (75%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



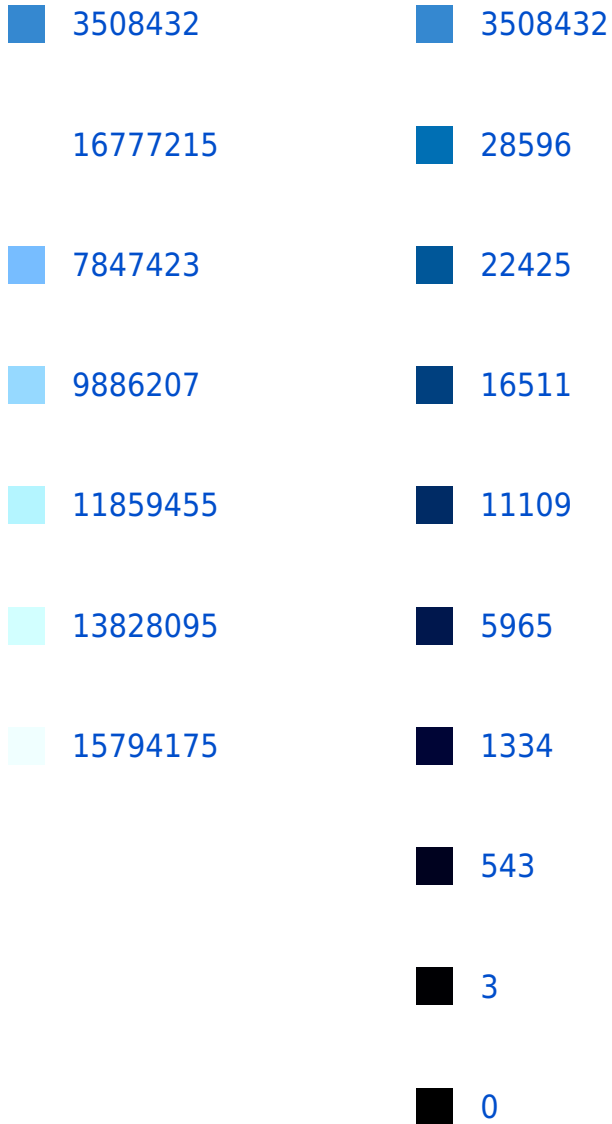
- Cyan (79%)
- Magenta (47%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3508432 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 3508432 by changing the saturation by 10% instead.





■ 3508432

■ 3508432

■ 2129616

■ 4887248

■ 751056

■ 6265808

■ 28624

■ 7579088

■ 8957904

■ 10336464

■ 11715280

■ 13094096

■ 14407120

■ 15785936

# Harmonies

## Analogous

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



37573



3508432



8682183

# Triad

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



3508432



13199200



4363099

# Complementary

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



3508432



13663541

# 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.



7638078



3508432



12088130

# Square

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



3508432



13132678



10125620



38785

# Rectangle

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



3508432



10842294



10125620



5608016

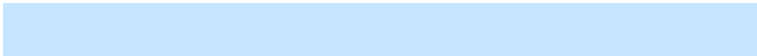


# Sweetspot

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



3508432



13100543



3526779



6189184



0



8421504



# Same Dimension

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



3508432



1873663



3489232



6186089



23208



5673



# Inverse Universe

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



13645192



16718998



13682741



6905444



11010138

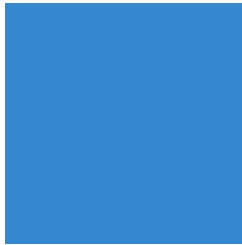


2686998



# Previews

## White Background



This preview shows how the Decimal color 3508432 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 3508432 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

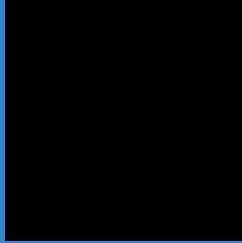
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 3508432 Background



This preview shows how black text looks on a background with the Decimal color 3508432.



This preview shows how white text looks on a background with the Decimal color 3508432.

# 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**  
37277

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3508432 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 #3588D0 looks like.

```
.text, #text, p{  
    color:#3588D0  
}
```

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 #3588D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3588D0
}
```

## Border

The CSS property to change the border of an element to Decimal 3508432 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
#3588D0 }
```

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

```
.border{ border-color:#3588D0 }
```

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

Here you see how a box with a 4 pixel #3588D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3588D0; -webkit-box-shadow:4px 4px  
4px 4px #3588D0; box-shadow:4px 4px 4px  
4px #3588D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 3508432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3588D0 }
```

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

```
.background{ background-color:#3588D0 }
```

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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