

# Converting Colors

Decimal(5283514)

Have a look what the booklet for  
Decimal(5283514) contains.

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# Color

**Decimal(5283514)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	509EBA
RGB	80, 158, 186
RGB Percent	31%, 62%, 73%
CMY	0.6863, 0.3804, 0.2706
CMYK	0.57, 0.15, 0.00, 0.27
HSL	196°, 43%, 52%
HSV	196°, 57%, 73%
XYZ	24.3981, 29.7044, 50.9020
YIQ	137.8700, -55.4760, -7.8280

# Conversions

## Conversions Part 2

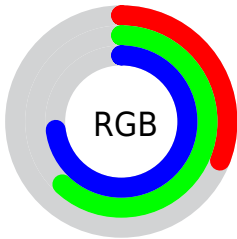
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 125, 186
Decimal	5283514
CIE Lab	61.40, -15.85, -21.78
CIE LCh	61, 26.932, 233.958
Yxy	29.7044, 0.2324, 0.2829
Android (android.graphics.Color)	4283473594 (0xFF509EBA)
YUV	137.8700, 23.7281, -50.7520
Hunter-Lab	54.5017, -15.4713, -17.2228

# Details

The Decimal color **5283514** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **12217424**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9033202**, and **93061** is the 20% darker color. If you saturate the color by 10%, you get **4037050**, and if you desaturate by 10%, it is **6529978**.

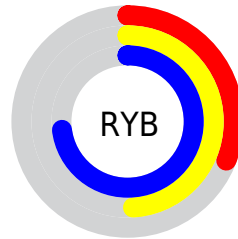
# Distribution



Red (31%)

Green (62%)

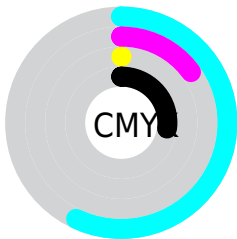
Blue (73%)



Red (31%)

Yellow (49%)

Blue (73%)

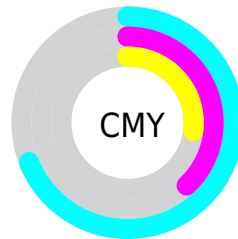


Cyan (57%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (38%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5283514 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 5283514 by changing the saturation by 10% instead.





5283514



5283514

16777215



3245215



9033202



93061



10940927



21099



12845055



15187



14745599



9532

16711679



3110



272



0



5283514



5283514

■ 4037050

■ 6529978

■ 2856122

■ 7710906

■ 1609658

■ 8957370

■ 428730

■ 10138298

■ 35258

■ 11384762

■ 12630970

■ 13811898

■ 15058362

■ 16239290

# Harmonies

## Analogous

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



4825511



5283514



7248067

# Triad

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



5283514



12616602



9541992

# Complementary

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



5283514



12217424

# 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.



11178341



5283514



12878978

# Square

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



5283514



11438257



12355951



7773816

# Rectangle

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



5283514



8819650



1235951



10131046



# Sweetspot

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



5283514



13232114



5290603



6452346



16448250



8026746



# Same Dimension

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



5283514



5162994



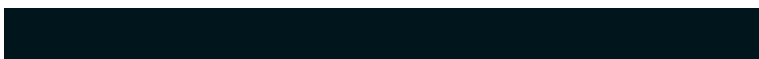
5270458



5462364



29340



5404



# Inverse Universe

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



12210334



15879879



12230736



6050649



10223730



1835029



# Previews

## White Background



This preview shows how the Decimal color 5283514 looks on a white background.

## Color Contrast Check

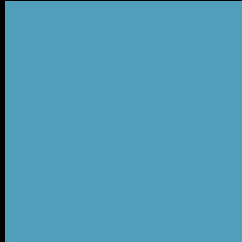
Large Text (above 18pt) WCAG AA ✓ Pass

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 5283514 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

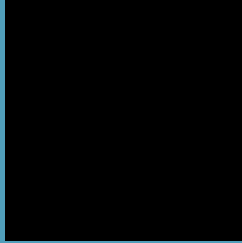
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5283514 Background



This preview shows how black text looks on a background with the Decimal color 5283514.



This preview shows how white text looks on a background with the Decimal color 5283514.

# 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



**Original Color**  
5283514

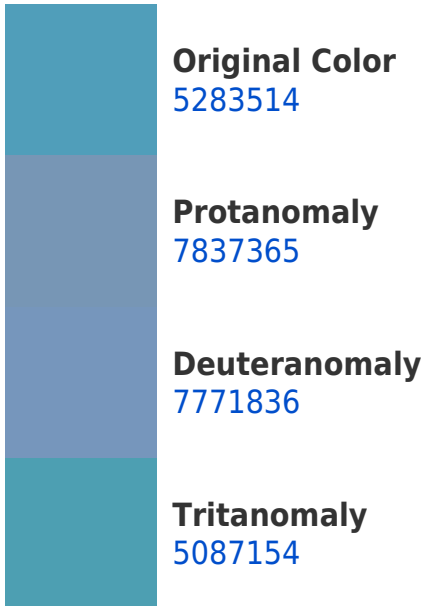
**Protanopia**  
9278130

**Deuteranopia**  
9212349



**Tritanopia**  
4956333

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5283514 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 #509EBA looks like.

```
.text, #text, p{  
    color:#509EBA  
}
```

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 #509EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509EBA
}
```

## Border

The CSS property to change the border of an element to Decimal 5283514 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
#509EBA }
```

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

```
.border{ border-color:#509EBA }
```

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

Here you see how a box with a 4 pixel #509EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509EBA; -webkit-box-shadow:4px 4px  
4px 4px #509EBA; box-shadow:4px 4px 4px  
4px #509EBA }
```

# Background

The CSS property to change the background color of an element to Decimal 5283514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509EBA }
```

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

```
.background{ background-color:#509EBA }
```

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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