

# Converting Colors

Decimal(6007526)

Have a look what the booklet for  
Decimal(6007526) contains.

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# **Color**

**Decimal(6007526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BAAE6
RGB	91, 170, 230
RGB Percent	36%, 67%, 90%
CMY	0.6431, 0.3333, 0.0980
CMYK	0.60, 0.26, 0.00, 0.10
HSL	206°, 74%, 63%
HSV	206°, 60%, 90%
XYZ	32.9720, 36.6868, 80.2064
YIQ	153.2190, -66.3440, 1.9120

# Conversions

## Conversions Part 2

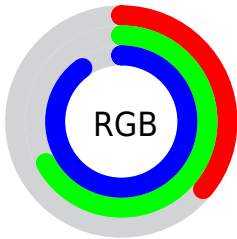
Format	Color
<a href="#">RYB</a>	<a href="#">91, 141, 230</a>
Decimal	<a href="#">6007526</a>
CIELab	<a href="#">67.04, -6.61, -37.45</a>
CIELCh	<a href="#">67, 38.031, 259.984</a>
Yxy	<a href="#">36.6868, 0.2200, 0.2448</a>
Android (android.graphics.Color)	<a href="#">4284197606 (0xFF5BAAE6)</a>
YUV	<a href="#">153.2190, 37.8530, -54.5661</a>
Hunter-Lab	<a href="#">60.5696, -8.8275, -36.1132</a>

# Details

The Decimal color **6007526** 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 **15112027**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **9953791**, and **161454** is the 20% darker color. If you saturate the color by 10%, you get **4497638**, and if you desaturate by 10%, it is **7517414**.

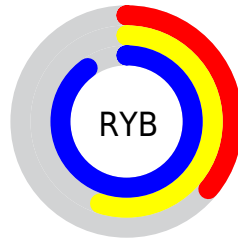
# Distribution



Red (36%)

Green (67%)

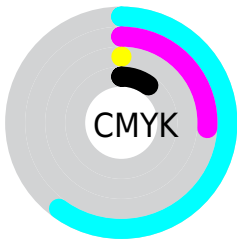
Blue (90%)



Red (36%)

Yellow (55%)

Blue (90%)

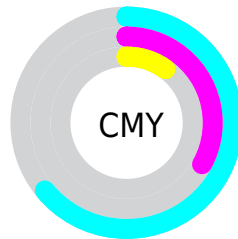


Cyan (60%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (64%)

Magenta (33%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6007526 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 6007526 by changing the saturation by 10% instead.



6007526

6007526

16777215

3838154

9953791

161454

11927295

24211

13893631

18041

15859711

12384

7240

1073

283

0

■ 6007526

■ 6007526

■ 4497638

■ 7517414

■ 2987750

■ 9027302

■ 1477862

■ 10537190

■ 33766

■ 12047078

■ 13556966

■ 15066854

■ 16576486

■ 16775654

■ 16777190

# Harmonies

## Analogous

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



635607



6007526



9871331

# Triad

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



6007526



15108493



8106102

# Complementary

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



6007526



15112027

# 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.



10659938



6007526



14455152

# Square

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



6007526



14584240



12885343



5092758

# Rectangle

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



6007526



11966168



12885343



9023085

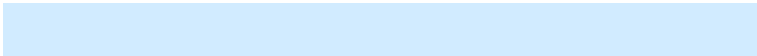


# Sweetspot

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



6007526



13757439



6022805



6517632



0



8421504



# Same Dimension

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



6007526



4567039



5990374



6778483



26035



7475



# Inverse Universe

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



15096746



16729519



15129179



7563118



11731045



3342365



# Previews

## White Background



This preview shows how the Decimal color 6007526 looks on a white background.

## Color Contrast Check

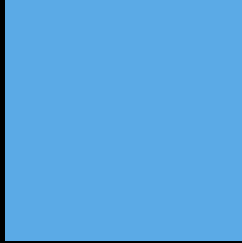
Large Text (above 18pt) WCAG AA × Fail

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 6007526 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

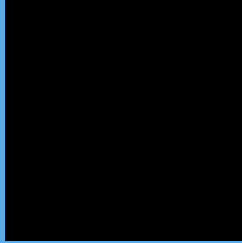
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

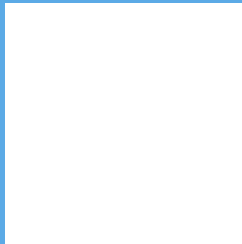
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6007526 Background



This preview shows how black text looks on a background with the Decimal color 6007526.



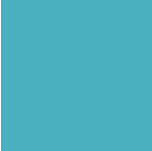
This preview shows how white text looks on a background with the Decimal color 6007526.

# 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



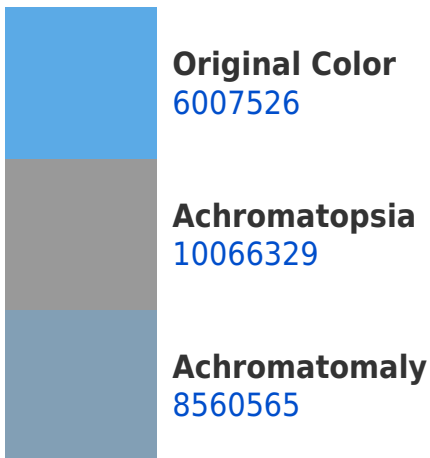


**Tritanopia**  
4895168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6007526 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 #5BAAE6 looks like.

```
.text, #text, p{  
    color:#5BAAE6  
}
```

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 #5BAAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAAE6
}
```

## Border

The CSS property to change the border of an element to Decimal 6007526 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
#5BAAE6 }
```

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

```
.border{ border-color:#5BAAE6 }
```

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

Here you see how a box with a 4 pixel #5BAAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAAE6; -webkit-box-shadow:4px 4px  
4px 4px #5BAAE6; box-shadow:4px 4px 4px  
4px #5BAAE6 }
```

# Background

The CSS property to change the background color of an element to Decimal 6007526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAAE6 }
```

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

```
.background{ background-color:#5BAAE6 }
```

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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