

# Converting Colors

Decimal(6263012)

Have a look what the booklet for  
Decimal(6263012) contains.

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# **Color**

**Decimal(6263012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F90E4
RGB	95, 144, 228
RGB Percent	37%, 56%, 89%
CMY	0.6275, 0.4353, 0.1059
CMYK	0.58, 0.37, 0.00, 0.11
HSL	218°, 71%, 63%
HSV	218°, 58%, 89%
XYZ	28.6962, 27.9809, 77.2872
YIQ	138.9250, -56.1680, 15.7360

# Conversions

## Conversions Part 2

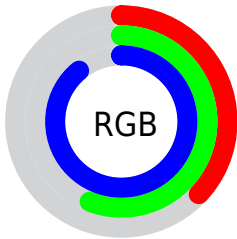
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 131, 228
Decimal	6263012
CIE Lab	59.87, 8.40, -47.59
CIE LCh	60, 48.329, 280.004
Yxy	27.9809, 0.2142, 0.2089
Android (android.graphics.Color)	4284453092 (0xFF5F90E4)
YUV	138.9250, 43.9140, -38.5222
Hunter-Lab	52.8969, 4.2652, -49.6002

# Details

The Decimal color **6263012** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **14988127**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **10143231**, and **1400492** is the 20% darker color. If you saturate the color by 10%, you get **4752100**, and if you desaturate by 10%, it is **7773924**.

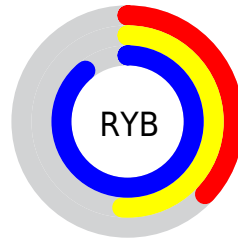
# Distribution



Red (37%)

Green (56%)

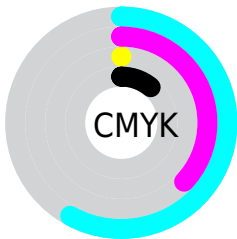
Blue (89%)



Red (37%)

Yellow (51%)

Blue (89%)

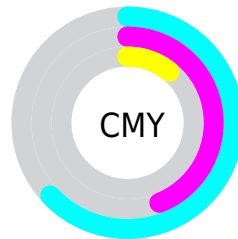


Cyan (58%)

Magenta (37%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (44%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6263012 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 6263012 by changing the saturation by 10% instead.



■ 6263012

■ 6263012

16777215

■ 4159432

■ 10143231

■ 1400492

■ 12116479

■ 18321

■ 14024447

■ 12663

■ 15990783

■ 7518

■ 582

■ 1070

■ 281

■ 0

■ 6263012

■ 6263012

■ 4752100

■ 7773924

■ 3240932

■ 9285092

■ 1795556

■ 10730468

■ 284388

■ 12241636

■ 21732

■ 13752548

■ 15263460

■ 16774628

■ 16777188

# Harmonies

## Analogous

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



40416



6263012



10911698

# Triad

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



6263012



14251100



2466930

# Complementary

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



6263012



14988127

# 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.



7183692



6263012



12616767

# Square

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



6263012



14642052



10195768



42654

# Rectangle

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



6263012



12874939



10195768



4563556



# Sweetspot

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



6263012



13755135



6284465



6516352



0



8421504

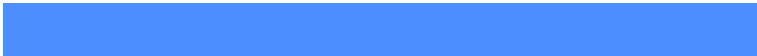


# Same Dimension

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



6263012



5082879



7299044



6777971



17075



4915



# Inverse Universe

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



14966672



16731534



13952095



7563116



11731010

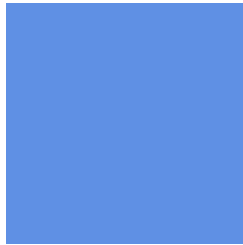


3342355



# Previews

## White Background



This preview shows how the Decimal color 6263012 looks on a white background.

## Color Contrast Check

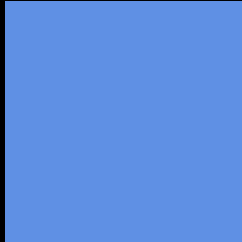
Large Text (above 18pt) WCAG AA ✓ Pass

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 6263012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

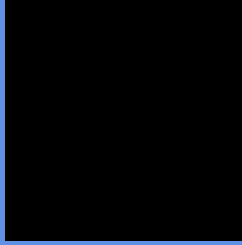
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

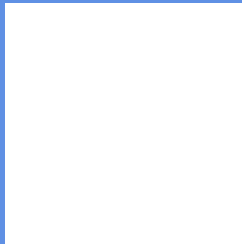
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6263012 Background



This preview shows how black text looks on a background with the Decimal color 6263012.



This preview shows how white text looks on a background with the Decimal color 6263012.

# 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



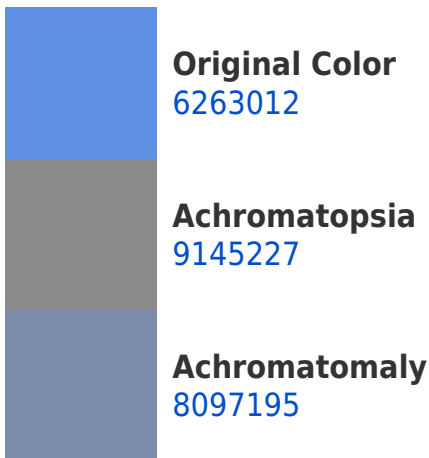


**Tritanopia**  
4627625

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6263012 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 #5F90E4 looks like.

```
.text, #text, p{  
    color:#5F90E4  
}
```

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 #5F90E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F90E4
}
```

## Border

The CSS property to change the border of an element to Decimal 6263012 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
#5F90E4 }
```

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

```
.border{ border-color:#5F90E4 }
```

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

Here you see how a box with a 4 pixel #5F90E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F90E4; -webkit-box-shadow:4px 4px  
4px 4px #5F90E4; box-shadow:4px 4px 4px  
4px #5F90E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 6263012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F90E4 }
```

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

```
.background{ background-color:#5F90E4 }
```

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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