

# Converting Colors

Decimal(6255595)

Have a look what the booklet for  
Decimal(6255595) contains.

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# Color

**Decimal(6255595)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F73EB
RGB	95, 115, 235
RGB Percent	37%, 45%, 92%
CMY	0.6275, 0.5490, 0.0784
CMYK	0.60, 0.51, 0.00, 0.08
HSL	231°, 78%, 65%
HSV	231°, 60%, 92%
XYZ	25.8454, 20.6925, 81.2291
YIQ	122.7000, -50.4400, 33.0800

# Conversions

## Conversions Part 2

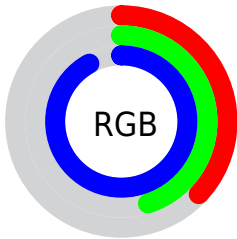
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 113, 235
Decimal	6255595
CIE Lab	52.61, 28.19, -63.09
CIE LCh	53, 69.107, 294.076
Yxy	20.6925, 0.2023, 0.1620
Android (android.graphics.Color)	4284445675 (0xFF5F73EB)
YUV	122.7000, 55.3639, -24.2929
Hunter-Lab	45.4890, 21.8123, -74.0310

# Details

The Decimal color **6255595** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **15456095**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **10266623**, and **607410** is the 20% darker color. If you saturate the color by 10%, you get **4677611**, and if you desaturate by 10%, it is **7768043**.

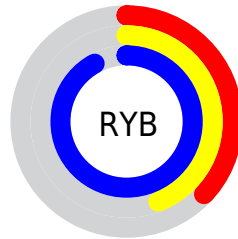
# Distribution



Red (37%)

Green (45%)

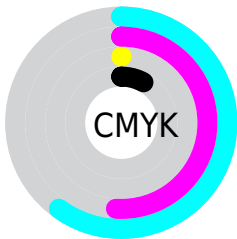
Blue (92%)



Red (37%)

Yellow (44%)

Blue (92%)

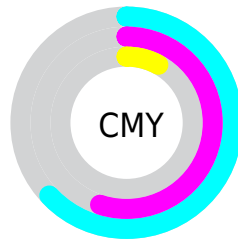


Cyan (60%)

Magenta (51%)

Yellow (0%)

Black (8%)



Cyan (63%)

Magenta (55%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6255595 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 6255595 by changing the saturation by 10% instead.



■ 6255595

■ 6255595

16777215

■ 4021198

■ 10266623

■ 607410

■ 12239615

■ 11927

■ 14212863

■ 6780

■ 16186111

■ 867

■ 2378

■ 1074

■ 540

■ 0

■ 6255595

■ 6255595

■ 4677611

■ 7768043

■ 3165163

■ 9346027

■ 1587179

■ 10924011

■ 74475

■ 12436715

■ 8939

■ 13949163

■ 15527147

■ 16777195

# Harmonies

## Analogous

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



35061



625595



12080580

# Triad

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



6255595



13393175



38767

# Complementary

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



6255595



15456095

# 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.



37425



625595



10581760

# Square

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



6255595



14893137



6916096



39085

# Rectangle

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



6255595



14107040



6916096



38491



# Sweetspot

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



6255595



13752575



6286294



6514560



0



8421504



# Same Dimension

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



6255595



4875519



9461739



6974325



6837



2102



# Inverse Universe

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



15425395



16730724



12249951



7694955



11862042



3538952



# Previews

## White Background



This preview shows how the Decimal color 6255595 looks on a white background.

## Color Contrast Check

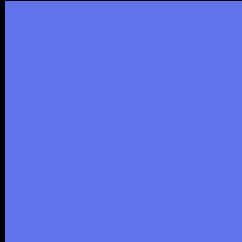
Large Text (above 18pt) WCAG AA ✓ Pass

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 6255595 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 6255595 Background



This preview shows how black text looks on a background with the Decimal color 6255595.



This preview shows how white text looks on a background with the Decimal color 6255595.

# 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**  
3704979

# Trichromacy



**Original Color**  
6255595

**Protanomaly**  
4618223

**Deuteranomaly**  
2325476

**Tritanomaly**  
4620467

# Monochromacy



**Original Color**  
6255595

**Achromatopsia**  
8092539

**Achromatomaly**  
7436452

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6255595 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 #5F73EB looks like.

```
.text, #text, p{  
    color:#5F73EB  
}
```

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 #5F73EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F73EB
}
```

## Border

The CSS property to change the border of an element to Decimal 6255595 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
#5F73EB }
```

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

```
.border{ border-color:#5F73EB }
```

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

Here you see how a box with a 4 pixel #5F73EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F73EB; -webkit-box-shadow:4px 4px  
4px 4px #5F73EB; box-shadow:4px 4px 4px  
4px #5F73EB }
```

# Background

The CSS property to change the background color of an element to Decimal 6255595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F73EB }
```

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

```
.background{ background-color:#5F73EB }
```

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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