

Converting Colors

Decimal(6006263)

Have a look what the booklet for
Decimal(6006263) contains.

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Color

Decimal(6006263)

Conversions

Conversions Part 1

Format	Color
Hex	5BA5F7
RGB	91, 165, 247
RGB Percent	36%, 65%, 97%
CMY	0.6431, 0.3529, 0.0314
CMYK	0.63, 0.33, 0.00, 0.03
HSL	212°, 91%, 66%
HSV	212°, 63%, 97%
XYZ	34.5580, 35.8498, 93.0940
YIQ	152.2220, -70.4260, 9.8140

Conversions

Conversions Part 2

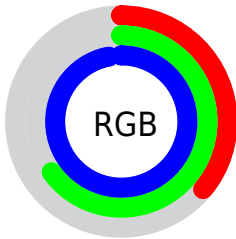
Format	Color
RYB	91, 141, 247
Decimal	6006263
CIELab	66.41, 1.67, -47.75
CIELCh	66, 47.775, 272.007
Yxy	35.8498, 0.2114, 0.2193
Android (android.graphics.Color)	4284196343 (0xFF5BA5F7)
YUV	152.2220, 46.7256, -53.6917
Hunter-Lab	59.8747, -1.7555, -50.2726

Details

The Decimal color **6006263** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **16231771**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **10083583**, and **29374** is the 20% darker color. If you saturate the color by 10%, you get **4364535**, and if you desaturate by 10%, it is **7647991**.

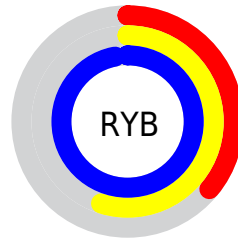
Distribution



Red (36%)

Green (65%)

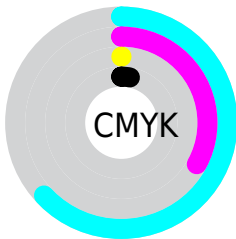
Blue (97%)



Red (36%)

Yellow (55%)

Blue (97%)

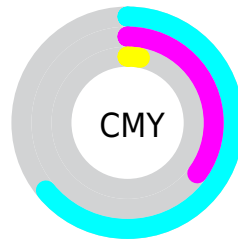


Cyan (63%)

Magenta (33%)

Yellow (0%)

Black (3%)



Cyan (64%)

Magenta (35%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6006263 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 6006263 by changing the saturation by 10% instead.

6006263

6006263

16777215

3640282

10083583

29374

12122367

22947

14090239

17288

16056319

11630

6485

1598

807

272

■ 6006263

■ 6006263

■ 4364535

■ 7647991

■ 2788343

■ 9224183

■ 1146615

■ 10865911

■ 30199

■ 12507639

■ 14083831

■ 15725559

■ 16777207

Harmonies

Analogous

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



45292



6006263



11048426

Triad

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



6006263



15762038



5551224

Complementary

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



6006263



16231771

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.



9219158



6006263



14389590

Square

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



6006263



15760800



12099657



47011

Rectangle

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



6006263



13404887



12099657



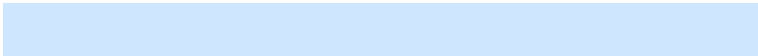
6926955

Sweetspot

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



6006263



13625087



6027180



6451328



0



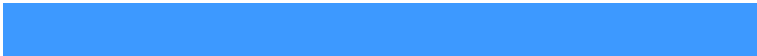
8421504

Same Dimension

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



6006263



4037119



6183927



7238778



22714



7227

Inverse Universe

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



16210853



16727449



16054107



8023668



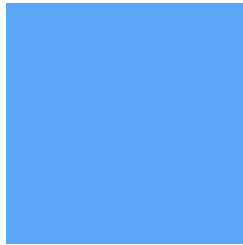
12189784



3866652

Previews

White Background



This preview shows how the Decimal color 6006263 looks on a white background.

Color Contrast Check

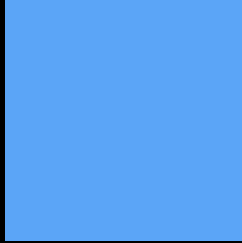
Large Text (above 18pt) WCAG AA × Fail

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 6006263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

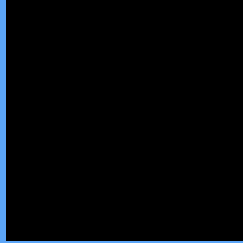
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

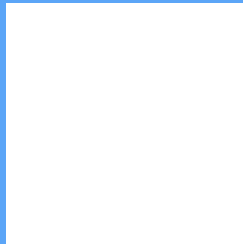
Any Text WCAG AAA ✓ Pass

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

Decimal 6006263 Background



This preview shows how black text looks on a background with the Decimal color 6006263.



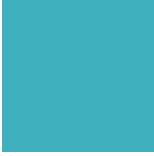
This preview shows how white text looks on a background with the Decimal color 6006263.

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
4108478

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6006263 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 #5BA5F7 looks like.

```
.text, #text, p{  
    color:#5BA5F7  
}
```

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 #5BA5F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA5F7
}
```

Border

The CSS property to change the border of an element to Decimal 6006263 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
#5BA5F7 }
```

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

```
.border{ border-color:#5BA5F7 }
```

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

Here you see how a box with a 4 pixel #5BA5F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA5F7; -webkit-box-shadow:4px 4px  
4px 4px #5BA5F7; box-shadow:4px 4px 4px  
4px #5BA5F7 }
```

Background

The CSS property to change the background color of an element to Decimal 6006263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA5F7 }
```

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

```
.background{ background-color:#5BA5F7 }
```

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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