

Converting Colors

Decimal(6256033)

Have a look what the booklet for
Decimal(6256033) contains.

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Color

Decimal(6256033)

Conversions

Conversions Part 1

Format	Color
Hex	5F75A1
RGB	95, 117, 161
RGB Percent	37%, 46%, 63%
CMY	0.6275, 0.5412, 0.3686
CMYK	0.41, 0.27, 0.00, 0.37
HSL	220°, 26%, 50%
HSV	220°, 41%, 63%
XYZ	17.5136, 17.7287, 36.2171
YIQ	115.4380, -27.2360, 9.0200

Conversions

Conversions Part 2

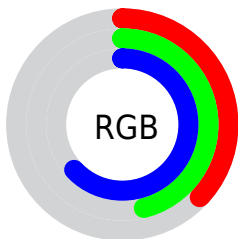
Format	Color
R _Y B	95, 112, 161
Decimal	6256033
CIE Lab	49.17, 3.64, -26.22
CIE LCh	49, 26.471, 277.897
Yxy	17.7287, 0.2451, 0.2481
Android (android.graphics.Color)	4284446113 (0xFF5F75A1)
YUV	115.4380, 22.4621, -17.9241
Hunter-Lab	42.1054, 0.5620, -21.5247

Details

The Decimal color **6256033** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10586975**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **9742808**, and **2901357** is the 20% darker color. If you saturate the color by 10%, you get **5204641**, and if you desaturate by 10%, it is **7307425**.

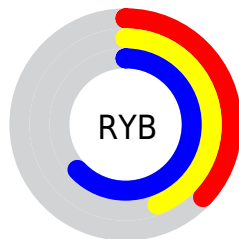
Distribution



Red (37%)

Green (46%)

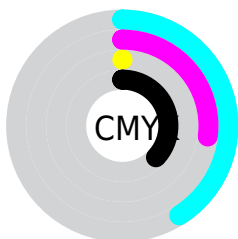
Blue (63%)



Red (37%)

Yellow (44%)

Blue (63%)

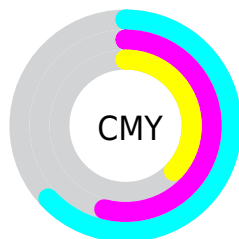


Cyan (41%)

Magenta (27%)

Yellow (0%)

Black (37%)



Cyan (63%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6256033 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 6256033 by changing the saturation by 10% instead.

■ 6256033

■ 6256033

16777215

■ 4545671

■ 9742808

■ 2901357

■ 11519220

■ 995157

■ 13361407

■ 6973

■ 15269375

■ 807

■ 273

■ 0

■ 6256033

■ 6256033

■ 5204641

■ 7307425

■ 4153505

■ 8358561

■ 3102113

■ 9409953

■ 2050721

■ 10461345

■ 999329

■ 11578273

■ 13985

■ 12629409

■ 13680801

■ 14732193

■ 15783585

Harmonies

Analogous

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



3898526



6256033



8351128

Triad

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



6256033



10446682



4948067

Complementary

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



6256033



10586975

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.



6716497



6256033



9596492

Square

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



6256033



10577008



8287560



3113338

Rectangle

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



6256033



9463949



8287560



5537628

Sweetspot

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



6256033



12107985



6267275



5922665



15263976



6908265

Same Dimension

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



6256033



7048657



6971297



4803666



12433



1554

Inverse Universe

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



10575733



13724557



9871711



5392716



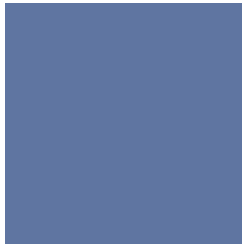
9502768



1179654

Previews

White Background



This preview shows how the Decimal color 6256033 looks on a white background.

Color Contrast Check

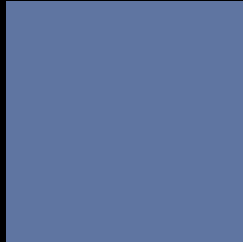
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6256033 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

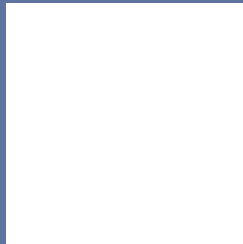
Any Text WCAG AAA × Fail

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

Decimal 6256033 Background



This preview shows how black text looks on a background with the Decimal color 6256033.

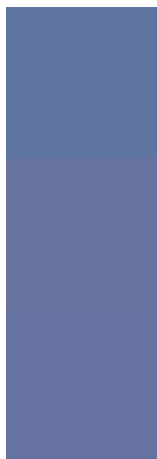


This preview shows how white text looks on a background with the Decimal color 6256033.

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


6256033

Protanopia

6845343

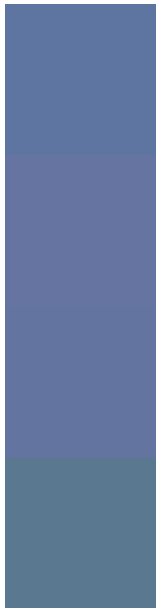
Deuteranopia

6714273



Tritanopia
5732996

Trichromacy



Original Color
6256033

Protanomaly
6648992

Deuteranomaly
6517921

Tritanomaly
5929103

Monochromacy



Original Color
6256033

Achromatopsia
7566195

Achromatomaly
7107716

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6256033 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 #5F75A1 looks like.

```
.text, #text, p{  
    color:#5F75A1  
}
```

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 #5F75A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F75A1
}
```

Border

The CSS property to change the border of an element to Decimal 6256033 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
#5F75A1 }
```

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

```
.border{ border-color:#5F75A1 }
```

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

Here you see how a box with a 4 pixel #5F75A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F75A1; -webkit-box-shadow:4px 4px  
4px 4px #5F75A1; box-shadow:4px 4px 4px  
4px #5F75A1 }
```

Background

The CSS property to change the background color of an element to Decimal 6256033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F75A1 }
```

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

```
.background{ background-color:#5F75A1 }
```

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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