

Converting Colors

Decimal(5462651)

Have a look what the booklet for
Decimal(5462651) contains.

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Color

Decimal(5462651)

Conversions

Conversions Part 1

Format	Color
Hex	535A7B
RGB	83, 90, 123
RGB Percent	33%, 35%, 48%
CMY	0.6745, 0.6471, 0.5176
CMYK	0.33, 0.27, 0.00, 0.52
HSL	229°, 19%, 40%
HSV	229°, 33%, 48%
XYZ	10.7986, 10.5814, 20.2122
YIQ	91.6690, -14.7650, 8.7790

Conversions

Conversions Part 2

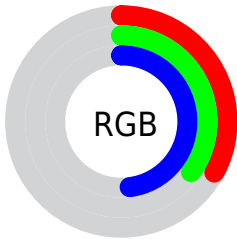
Format	Color
R_{YB}	83, 89, 123
Decimal	5462651
CIE _{Lab}	38.87, 5.67, -19.49
CIE _{LCh}	39, 20.302, 286.227
Yxy	10.5814, 0.2596, 0.2544
Android (android.graphics.Color)	4283652731 (0xFF535A7B)
YUV	91.6690, 15.4462, -7.6027
Hunter-Lab	32.5290, 2.3304, -14.0699

Details

The Decimal color **5462651** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8090707**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8817840**, and **2370890** is the 20% darker color. If you saturate the color by 10%, you get **4673659**, and if you desaturate by 10%, it is **6251643**.

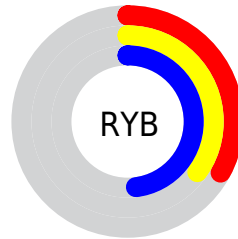
Distribution



Red (33%)

Green (35%)

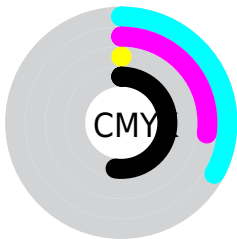
Blue (48%)



Red (33%)

Yellow (35%)

Blue (48%)

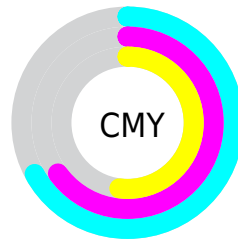


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (65%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5462651 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 5462651 by changing the saturation by 10% instead.

■ 5462651

■ 5462651

16777215

■ 3883874

■ 8817840

■ 2370890

■ 10528459

■ 792627

■ 12304871

■ 286

■ 14147071

■ 1

■ 16055039

■ 0

■ 5462651

■ 5462651

■ 4673659

■ 6251643

■ 3819131

■ 7106171

■ 3030139

■ 7895163

■ 2240891

■ 8684411

■ 1451899

■ 9538939

■ 597371

■ 10327931

■ 5755

■ 11116923

■ 11905915

■ 12760443

Harmonies

Analogous

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



3825531



5462651



6902898

Triad

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



5462651



7951172



3695699

Complementary

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



5462651



8090707

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.



4940356



5462651



7231548

Square

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



5462651



8146771



6184252



2581860

Rectangle

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



5462651



7557481



6184252



4088654

Sweetspot

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



5462651



9540513



5471092



4737618



13750737



5395026

Same Dimension

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



5462651



6450593



6312827



3618877



5757



11516

Inverse Universe

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



8082266



10576493



7240531



4011832



8192022



16515116

Previews

White Background



This preview shows how the Decimal color 5462651 looks on a white background.

Color Contrast Check

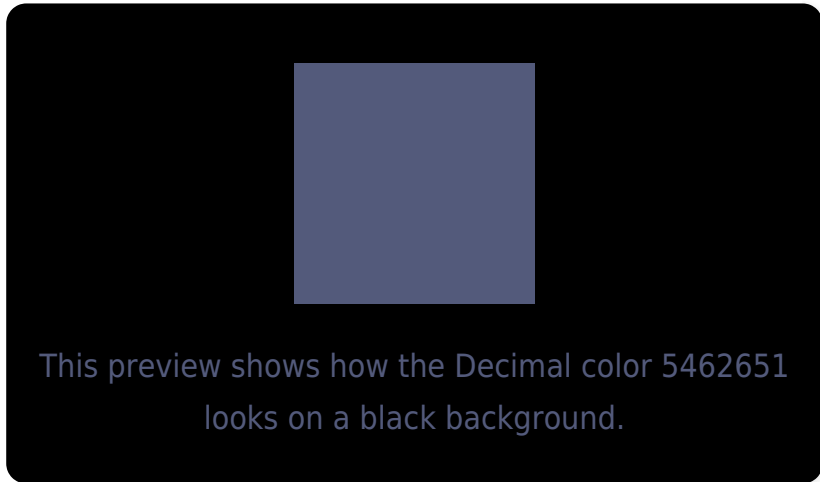
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

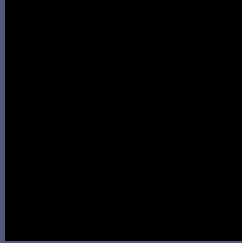
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5462651 Background



This preview shows how black text looks on a background with the Decimal color 5462651.

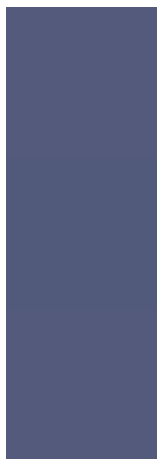


This preview shows how white text looks on a background with the Decimal color 5462651.

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

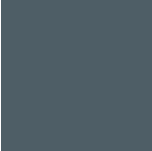
5462651

Protanopia

5397115

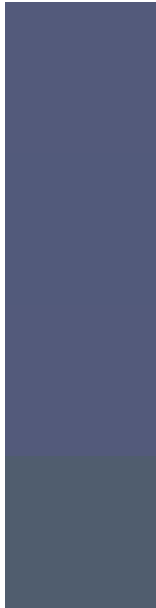
Deuteranopia

5462651



Tritanopia
5135974

Trichromacy



Original Color

5462651

Protanomaly

5397115

Deuteranomaly

5462651

Tritanomaly

5266798

Monochromacy



Original Color

5462651

Achromatopsia

6052956

Achromatomaly

5856103

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5462651 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 #535A7B looks like.

```
.text, #text, p{  
  color:#535A7B  
}
```

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 #535A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535A7B
}
```

Border

The CSS property to change the border of an element to Decimal 5462651 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
#535A7B }
```

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

```
.border{ border-color:#535A7B }
```

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

Here you see how a box with a 4 pixel #535A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535A7B; -webkit-box-shadow:4px 4px  
4px 4px #535A7B; box-shadow:4px 4px 4px  
4px #535A7B }
```

Background

The CSS property to change the background color of an element to Decimal 5462651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535A7B }
```

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

```
.background{ background-color:#535A7B }
```

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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