

Converting Colors

Decimal(5462995)

Have a look what the booklet for
Decimal(5462995) contains.

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Color

Decimal(5462995)

Conversions

Conversions Part 1

Format	Color
Hex	535BD3
RGB	83, 91, 211
RGB Percent	33%, 36%, 83%
CMY	0.6745, 0.6431, 0.1725
CMYK	0.61, 0.57, 0.00, 0.17
HSL	236°, 59%, 58%
HSV	236°, 61%, 83%
XYZ	19.0662, 14.0243, 63.3301
YIQ	102.2880, -43.2880, 35.6240

Conversions

Conversions Part 2

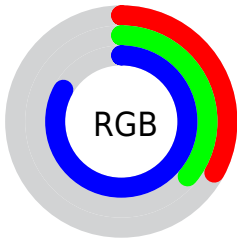
Format	Color
RYB	83, 91, 211
Decimal	5462995
CIELab	44.27, 32.92, -63.04
CIELCh	44, 71.115, 297.573
Yxy	14.0243, 0.1977, 0.1454
Android (android.graphics.Color)	4283653075 (0xFF535BD3)
YUV	102.2880, 53.5950, -16.9156
Hunter-Lab	37.4491, 25.3429, -74.0509

Details

The Decimal color **5462995** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **13880147**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **9407999**, and **11675** is the 20% darker color. If you saturate the color by 10%, you get **4081619**, and if you desaturate by 10%, it is **6844371**.

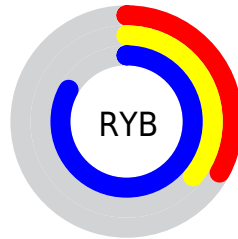
Distribution



Red (33%)

Green (36%)

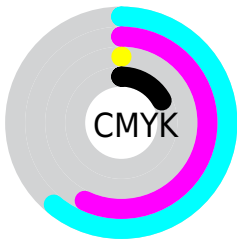
Blue (83%)



Red (33%)

Yellow (36%)

Blue (83%)

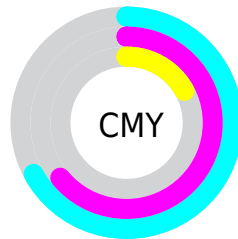


Cyan (61%)

Magenta (57%)

Yellow (0%)

Black (17%)



Cyan (67%)

Magenta (64%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5462995 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 5462995 by changing the saturation by 10% instead.

■ 5462995

■ 5462995

16777215

■ 3228855

■ 9407999

■ 11675

■ 11380991

■ 6529

■ 13353983

■ 1127

■ 15327231

■ 846

■ 16776191

■ 1334

■ 544

■ 3

■ 0

■ 5462995

■ 5462995

■ 4081619

■ 6844371

■ 2700243

■ 8225747

■ 1319123

■ 9606867

■ 3539

■ 10988243

■ 12369619

■ 13816531

■ 15197651

■ 16579027

■ 16777171

Harmonies

Analogous

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



29408



5462995



11089833

Triad

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



5462995



11487744



33122

Complementary

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



5462995



13880147

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.



32034



5462995



8676608

Square

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



5462995



13247542



4814080



33438

Rectangle

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



5462995



12786052



4814080



32845

Sweetspot

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



5462995



13751551



5493706



6514048



0



8421504

Same Dimension

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



5462995



4542719



9065427



6184809



2984



809

Inverse Universe

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



13849435



16729424



10277715



6905439



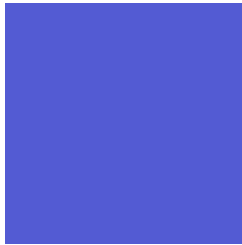
11010059



2686979

Previews

White Background



This preview shows how the Decimal color 5462995 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 5462995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

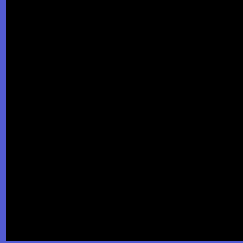
Any Text WCAG AA × Fail

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 5462995 Background



This preview shows how black text looks on a background with the Decimal color 5462995.




This preview shows how white text looks on a background with the Decimal color 5462995.

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](#).

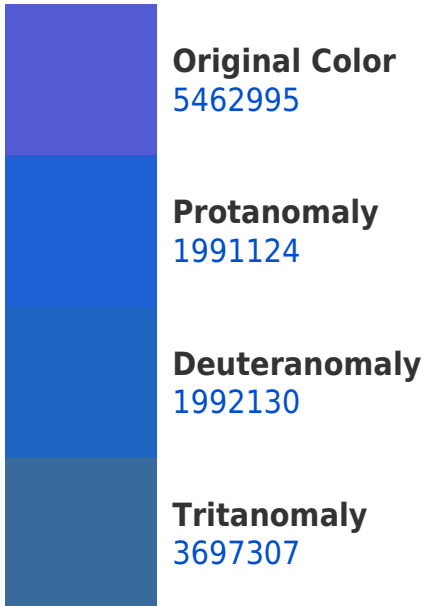
Dichromacy



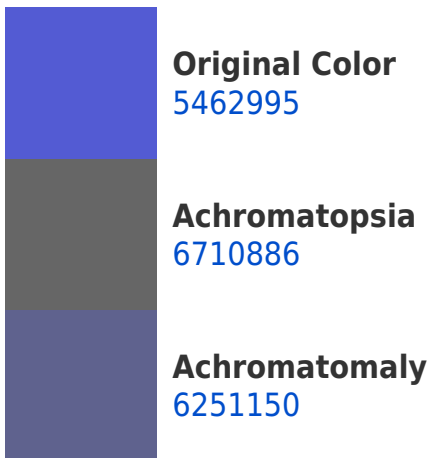


Tritanopia
2716283

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5462995 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 #535BD3 looks like.

```
.text, #text, p{  
    color:#535BD3  
}
```

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 #535BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535BD3
}
```

Border

The CSS property to change the border of an element to Decimal 5462995 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
#535BD3 }
```

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

```
.border{ border-color:#535BD3 }
```

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

Here you see how a box with a 4 pixel #535BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535BD3; -webkit-box-shadow:4px 4px  
4px 4px #535BD3; box-shadow:4px 4px 4px  
4px #535BD3 }
```

Background

The CSS property to change the background color of an element to Decimal 5462995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535BD3 }
```

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

```
.background{ background-color:#535BD3 }
```

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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