

Converting Colors

Decimal(5137613)

Have a look what the booklet for
Decimal(5137613) contains.

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Color

Decimal(5137613)

Conversions

Conversions Part 1

Format	Color
Hex	4E64CD
RGB	78, 100, 205
RGB Percent	31%, 39%, 80%
CMY	0.6941, 0.6078, 0.1961
CMYK	0.62, 0.51, 0.00, 0.20
HSL	230°, 56%, 55%
HSV	230°, 62%, 80%
XYZ	18.7185, 15.1418, 59.6937
YIQ	105.3920, -46.8170, 27.9910

Conversions

Conversions Part 2

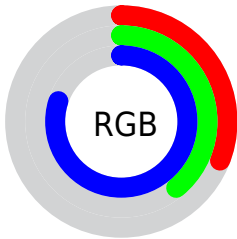
Format	Color
RYB	78, 97, 205
Decimal	5137613
CIELab	45.83, 24.40, -57.09
CIELCh	46, 62.086, 293.145
Yxy	15.1418, 0.2001, 0.1619
Android (android.graphics.Color)	4283327693 (0xFF4E64CD)
YUV	105.3920, 49.1067, -24.0228
Hunter-Lab	38.9125, 17.7689, -63.7151

Details

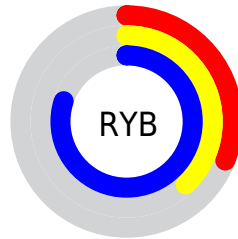
The Decimal color **5137613** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **13481806**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **9082879**, and **13974** is the 20% darker color. If you saturate the color by 10%, you get **3822541**, and if you desaturate by 10%, it is **6518221**.

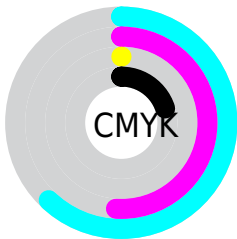
Distribution



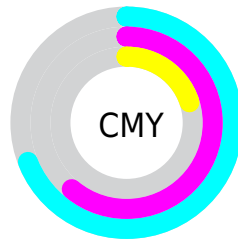
- Red (31%)
- Green (39%)
- Blue (80%)



- Red (31%)
- Yellow (38%)
- Blue (80%)



- Cyan (62%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (61%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5137613 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 5137613 by changing the saturation by 10% instead.

■ 5137613

■ 5137613

16777215

■ 2903217

■ 9082879

■ 13974

■ 10990079

■ 8571

■ 12963327

■ 3938

■ 14871039

■ 1097

■ 1074

■ 284

■ 0

■ 5137613

■ 5137613

■ 3822541

■ 6518221

■ 2441933

■ 7833293

■ 1061325

■ 9148365

■ 9421

■ 10528973

■ 11909581

■ 13224653

■ 14605261

■ 15920333

■ 16776653

Harmonies

Analogous

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



30420



5137613



10373804

Triad

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



5137613



11685653



33630

Complementary

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



5137613



13481806

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.



32552



5137613



9266688

Square

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



5137613



12990023



6125056



33940

Rectangle

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



5137613



12204172



6125056



33356

Sweetspot

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



5137613



13621247



5164470



6449024



0



8421504

Same Dimension

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



5137613



4350975



7753421



6053478



7590



1830

Inverse Universe

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



13454948



16728675



10865998



6708318



10879005



2490375

Previews

White Background



This preview shows how the Decimal color 5137613 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 5137613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

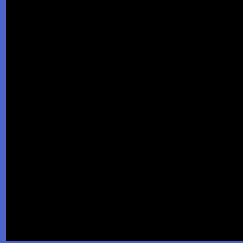
Any Text WCAG AA × Fail

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 5137613 Background



This preview shows how black text looks on a background with the Decimal color 5137613.




This preview shows how white text looks on a background with the Decimal color 5137613.

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](#).

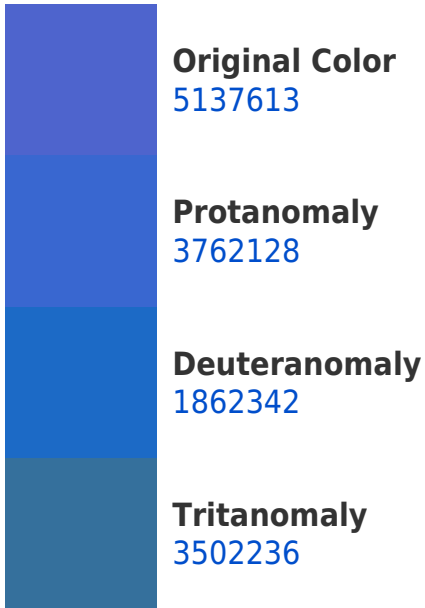
Dichromacy



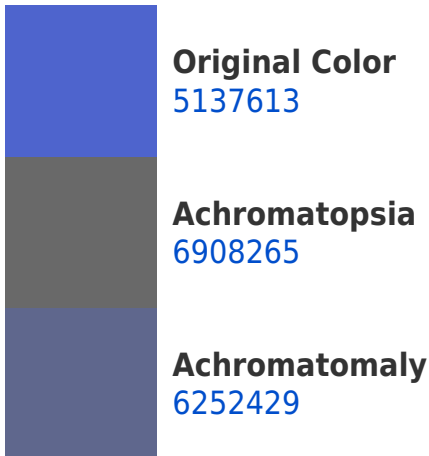


Tritanopia
2586496

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5137613 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 #4E64CD looks like.

```
.text, #text, p{  
    color:#4E64CD  
}
```

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 #4E64CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E64CD
}
```

Border

The CSS property to change the border of an element to Decimal 5137613 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
#4E64CD }
```

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

```
.border{ border-color:#4E64CD }
```

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

Here you see how a box with a 4 pixel #4E64CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E64CD; -webkit-box-shadow:4px 4px  
4px 4px #4E64CD; box-shadow:4px 4px 4px  
4px #4E64CD }
```

Background

The CSS property to change the background color of an element to Decimal 5137613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E64CD }
```

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

```
.background{ background-color:#4E64CD }
```

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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