

Converting Colors

Decimal(5005226)

Have a look what the booklet for
Decimal(5005226) contains.

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Color

Decimal(5005226)

Conversions

Conversions Part 1

Format	Color
Hex	4C5FAA
RGB	76, 95, 170
RGB Percent	30%, 37%, 67%
CMY	0.7020, 0.6275, 0.3333
CMYK	0.55, 0.44, 0.00, 0.33
HSL	228°, 38%, 48%
HSV	228°, 55%, 67%
XYZ	14.3284, 12.6232, 39.7115
YIQ	97.8690, -35.3990, 19.2970

Conversions

Conversions Part 2

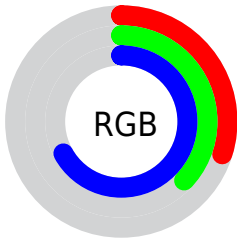
Format	Color
R_{YB}	76, 92, 170
Decimal	5005226
CIE _{Lab}	42.19, 15.29, -42.57
CIE _{LCh}	42, 45.229, 289.756
Yxy	12.6232, 0.2149, 0.1894
Android (android.graphics.Color)	4283195306 (0xFF4C5FAA)
YUV	97.8690, 35.5606, -19.1791
Hunter-Lab	35.5291, 9.8105, -41.3991

Details

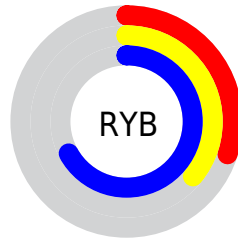
The Decimal color **5005226** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11179852**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8622562**, and **471413** is the 20% darker color. If you saturate the color by 10%, you get **3887530**, and if you desaturate by 10%, it is **6122922**.

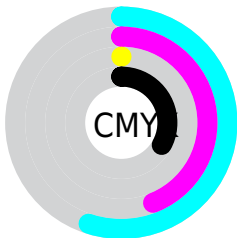
Distribution



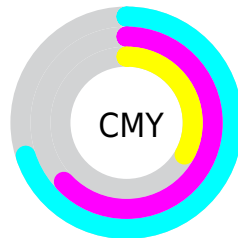
- Red (30%)
- Green (37%)
- Blue (67%)



- Red (30%)
- Yellow (36%)
- Blue (67%)



- Cyan (55%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (70%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5005226 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 5005226 by changing the saturation by 10% instead.

■ 5005226

■ 5005226

16777215

■ 3098767

■ 8622562

■ 471413

■ 10464511

■ 7516

■ 12371967

■ 836

■ 14214143

■ 813

■ 16187391

■ 279

■ 0

■ 5005226

■ 5005226

■ 3887530

■ 6122922

■ 2770090

■ 7240362

■ 1652394

■ 8358058

■ 534954

■ 9475498

■ 8874

■ 10593194

■ 11710634

■ 12828330

■ 13946026

■ 15063466

Harmonies

Analogous

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



27821



5005226



8671124

Triad

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



5005226



10178091



30037

Complementary

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



5005226



11179852

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.



3240241



5005226



8543507

Square

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



5005226



10961485



6252821



30076

Rectangle

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



5005226



10110334



6252821



29768

Sweetspot

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



5005226



12107998



5024406



5922416



15790320



7368816

Same Dimension

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



5005226



4942302



6769834



5000532



7828



1044

Inverse Universe

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



11160671



14568297



9415244



5524557



9699358



1310724

Previews

White Background



This preview shows how the Decimal color 5005226 looks on a white background.

Color Contrast Check

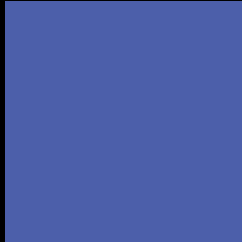
Large Text (above 18pt) WCAG AA ✓ Pass

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 5005226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

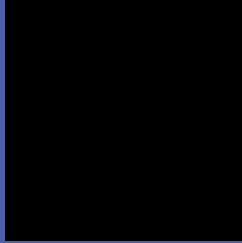
Any Text WCAG AA × Fail

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 5005226 Background



This preview shows how black text looks on a background with the Decimal color 5005226.



This preview shows how white text looks on a background with the Decimal color 5005226.

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

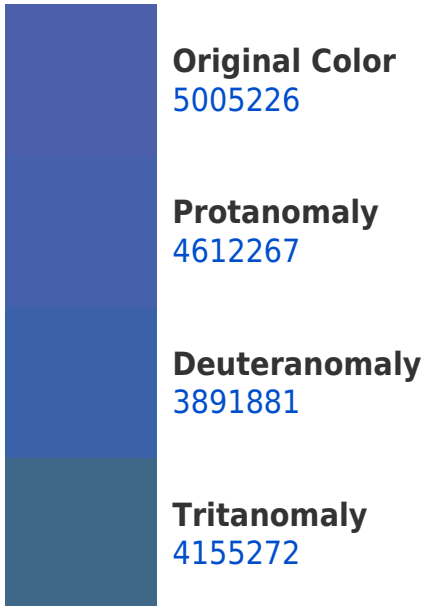


Original Color
5005226

Protanopia
4350380

Deuteranopia
3237033

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5005226 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 #4C5FAA looks like.

```
.text, #text, p{  
    color:#4C5FAA  
}
```

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 #4C5FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5FAA
}
```

Border

The CSS property to change the border of an element to Decimal 5005226 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
#4C5FAA }
```

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

```
.border{ border-color:#4C5FAA }
```

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

Here you see how a box with a 4 pixel #4C5FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5FAA; -webkit-box-shadow:4px 4px  
4px 4px #4C5FAA; box-shadow:4px 4px 4px  
4px #4C5FAA }
```

Background

The CSS property to change the background color of an element to Decimal 5005226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5FAA }
```

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

```
.background{ background-color:#4C5FAA }
```

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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