

Converting Colors

Decimal(5205424)

Have a look what the booklet for
Decimal(5205424) contains.

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Color

Decimal(5205424)

Conversions

Conversions Part 1

Format	Color
Hex	4F6DB0
RGB	79, 109, 176
RGB Percent	31%, 43%, 69%
CMY	0.6902, 0.5725, 0.3098
CMYK	0.55, 0.38, 0.00, 0.31
HSL	221°, 38%, 50%
HSV	221°, 55%, 69%
XYZ	16.5296, 15.7341, 43.2401
YIQ	107.6680, -39.3870, 14.4770

Conversions

Conversions Part 2

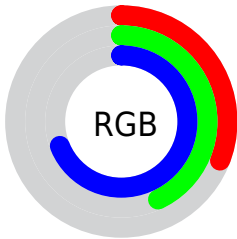
Format	Color
R_{YB}	79, 102, 176
Decimal	5205424
CIE _{Lab}	46.62, 9.16, -39.04
CIE _{LCh}	47, 40.096, 283.206
Yxy	15.7341, 0.2189, 0.2084
Android (android.graphics.Color)	4283395504 (0xFF4F6DB0)
YUV	107.6680, 33.6877, -25.1418
Hunter-Lab	39.6663, 4.9678, -36.8655

Details

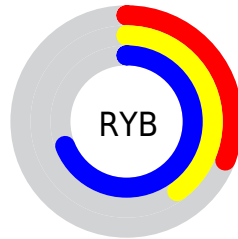
The Decimal color **5205424** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11571791**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **8823016**, and **867963** is the 20% darker color. If you saturate the color by 10%, you get **4022704**, and if you desaturate by 10%, it is **6388144**.

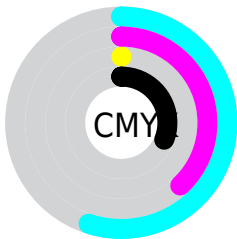
Distribution



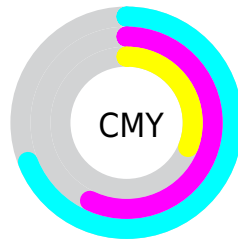
- Red (31%)
- Green (43%)
- Blue (69%)



- Red (31%)
- Yellow (40%)
- Blue (69%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5205424 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 5205424 by changing the saturation by 10% instead.

■ 5205424

■ 5205424

16777215

■ 3298709

■ 8823016

■ 867963

■ 10664959

■ 10594

■ 12572671

■ 5449

■ 14480383

■ 1074

■ 16383999

■ 540

■ 0

■ 5205424

■ 5205424

■ 4022704

■ 6388144

■ 2905520

■ 7505328

■ 1722800

■ 8688048

■ 605360

■ 9805488

■ 14000

■ 10988208

■ 12170928

■ 13288112

■ 14470832

■ 15588016

Harmonies

Analogous

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



30639



5205424



8675488

Triad

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



5205424



10901826



753242

Complementary

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



5205424



11571791

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.



5142843



5205424



9528877

Square

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



5205424



11358561



7565609



32637

Rectangle

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



5205424



10180493



7565609



2915663

Sweetspot

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



5205424



12504038



5222545



6054771



15921906



7566195

Same Dimension

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



5205424



5144038



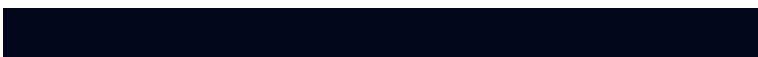
6377392



5264217



12185



2074

Inverse Universe

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



11554669



15093373



10399823



5853267



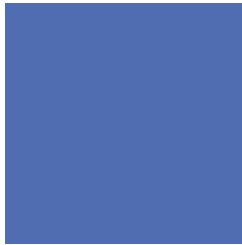
10027055



1703944

Previews

White Background



This preview shows how the Decimal color 5205424 looks on a white background.

Color Contrast Check

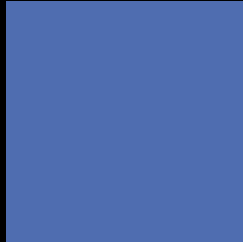
Large Text (above 18pt) WCAG AA ✓ Pass

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 5205424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

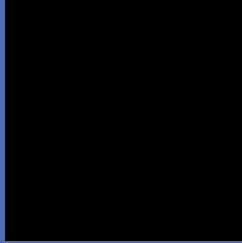
Any Text WCAG AA × Fail

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 5205424 Background



This preview shows how black text looks on a background with the Decimal color 5205424.

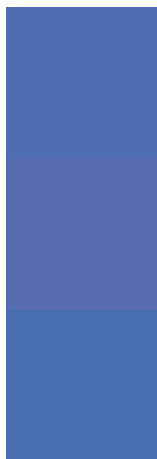


This preview shows how white text looks on a background with the Decimal color 5205424.

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

5205424

Protanopia

5598383

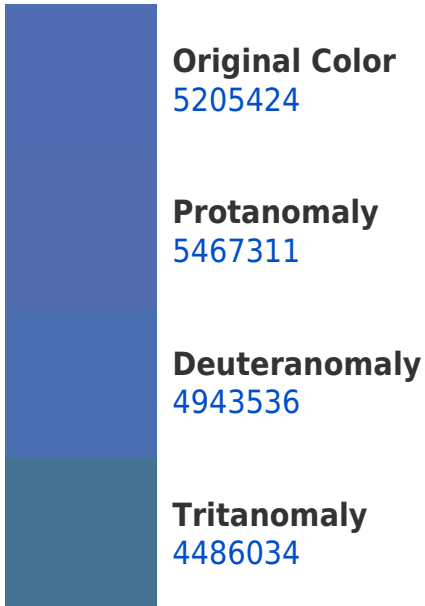
Deuteranopia

4812464



Tritanopia
4028289

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5205424 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 #4F6DB0 looks like.

```
.text, #text, p{  
    color:#4F6DB0  
}
```

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 #4F6DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6DB0
}
```

Border

The CSS property to change the border of an element to Decimal 5205424 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
#4F6DB0 }
```

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

```
.border{ border-color:#4F6DB0 }
```

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

Here you see how a box with a 4 pixel #4F6DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6DB0; -webkit-box-shadow:4px 4px  
4px 4px #4F6DB0; box-shadow:4px 4px 4px  
4px #4F6DB0 }
```

Background

The CSS property to change the background color of an element to Decimal 5205424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6DB0 }
```

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

```
.background{ background-color:#4F6DB0 }
```

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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