

Converting Colors

Decimal(5200814)

Have a look what the booklet for
Decimal(5200814) contains.

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Color

Decimal(5200814)

Conversions

Conversions Part 1

Format	Color
Hex	4F5BAE
RGB	79, 91, 174
RGB Percent	31%, 36%, 68%
CMY	0.6902, 0.6431, 0.3176
CMYK	0.55, 0.48, 0.00, 0.32
HSL	232°, 38%, 50%
HSV	232°, 55%, 68%
XYZ	14.6055, 12.2004, 41.6295
YIQ	96.8740, -33.7950, 23.2690

Conversions

Conversions Part 2

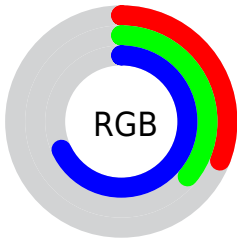
Format	Color
R_{YB}	79, 90, 174
Decimal	5200814
CIE _{Lab}	41.53, 19.82, -45.96
CIE _{LCh}	42, 50.057, 293.331
Yxy	12.2004, 0.2134, 0.1783
Android (android.graphics.Color)	4283390894 (0xFF4F5BAE)
YUV	96.8740, 38.0231, -15.6755
Hunter-Lab	34.9291, 13.5134, -46.2132

Details

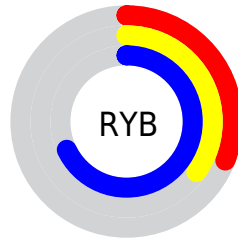
The Decimal color **5200814** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11444815**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **8883686**, and **798329** is the 20% darker color. If you saturate the color by 10%, you get **4082862**, and if you desaturate by 10%, it is **6318766**.

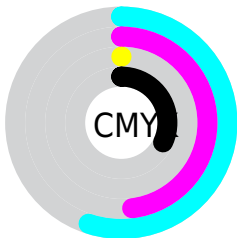
Distribution



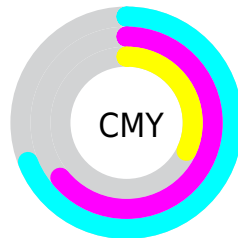
- Red (31%)
- Green (36%)
- Blue (68%)



- Red (31%)
- Yellow (35%)
- Blue (68%)



- Cyan (55%)
- Magenta (48%)
- Yellow (0%)
- Black (32%)



- Cyan (69%)
- Magenta (64%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5200814 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 5200814 by changing the saturation by 10% instead.

■ 5200814

■ 5200814

16777215

■ 3294355

■ 8883686

■ 798329

■ 10725375

■ 6752

■ 12567295

■ 71

■ 14475007

■ 1072

■ 16448511

■ 282

■ 0

■ 5200814

■ 5200814

■ 4082862

■ 6318766

■ 2899374

■ 7502254

■ 1781166

■ 8620462

■ 597678

■ 9803950

■ 5806

■ 10921902

■ 12039854

■ 13223342

■ 14341550

■ 15525038

Harmonies

Analogous

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



27316



5200814



9062548

Triad

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



5200814



10177567



29783

Complementary

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



5200814



11444815

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.



1798446



5200814



8281344

Square

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



5200814



11156548



5728518



30081

Rectangle

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



5200814



10501499



5728518



29769

Sweetspot

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



5200814



12567523



5222049



6119539



15921906



7566195

Same Dimension

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



5200814



5071075



7491502



5132119



5014



791

Inverse Universe

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



11423579



14896480



9154127



5721679



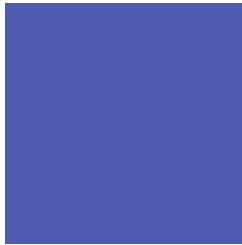
9830419



1507331

Previews

White Background



This preview shows how the Decimal color 5200814 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 5200814 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 5200814 Background



This preview shows how black text looks on a background with the Decimal color 5200814.



This preview shows how white text looks on a background with the Decimal color 5200814.

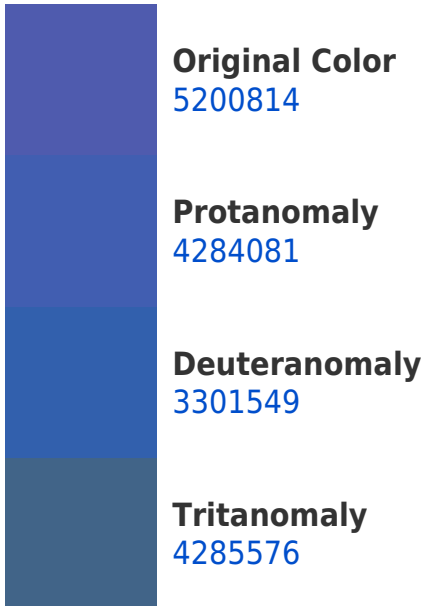
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5200814 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 #4F5BAE looks like.

```
.text, #text, p{  
    color:#4F5BAE  
}
```

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 #4F5BAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5BAE
}
```

Border

The CSS property to change the border of an element to Decimal 5200814 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
#4F5BAE }
```

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

```
.border{ border-color:#4F5BAE }
```

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

Here you see how a box with a 4 pixel #4F5BAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5BAE; -webkit-box-shadow:4px 4px  
4px 4px #4F5BAE; box-shadow:4px 4px 4px  
4px #4F5BAE }
```

Background

The CSS property to change the background color of an element to Decimal 5200814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5BAE }
```

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

```
.background{ background-color:#4F5BAE }
```

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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