

Converting Colors

Decimal(5203103)

Have a look what the booklet for
Decimal(5203103) contains.

Decimal(5203103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5203103)

Conversions

Conversions Part 1

Format	Color
Hex	4F649F
RGB	79, 100, 159
RGB Percent	31%, 39%, 62%
CMY	0.6902, 0.6078, 0.3765
CMYK	0.50, 0.37, 0.00, 0.38
HSL	224°, 34%, 47%
HSV	224°, 50%, 62%
XYZ	14.0396, 13.2798, 34.6242
YIQ	100.4470, -31.4550, 13.8970

Conversions

Conversions Part 2

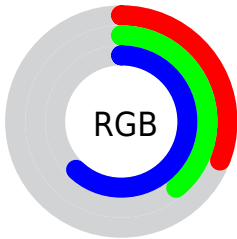
Format	Color
R_{YB}	79, 96, 159
Decimal	5203103
CIE _{Lab}	43.18, 9.21, -34.47
CIE _{LCh}	43, 35.684, 284.962
Yxy	13.2798, 0.2267, 0.2144
Android (android.graphics.Color)	4283393183 (0xFF4F649F)
YUV	100.4470, 28.8666, -18.8090
Hunter-Lab	36.4415, 4.9972, -30.8242

Details

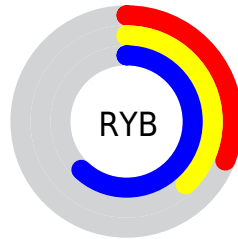
The Decimal color **5203103** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10455631**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **8755158**, and **1455723** is the 20% darker color. If you saturate the color by 10%, you get **4151455**, and if you desaturate by 10%, it is **6254751**.

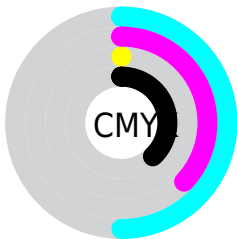
Distribution



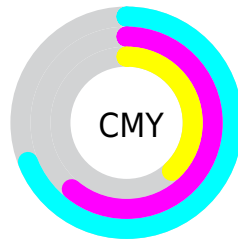
- Red (31%)
- Green (39%)
- Blue (62%)



- Red (31%)
- Yellow (38%)
- Blue (62%)



- Cyan (50%)
- Magenta (37%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5203103 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 5203103 by changing the saturation by 10% instead.

■ 5203103

16777215

■ 8755158

■ 10531315

■ 12373503

■ 14281215

■ 16187391

■ 5203103

■ 4151455

■ 5203103

■ 3427461

■ 1455723

■ 8531

■ 2619

■ 549

■ 269

■ 0

■ 5203103

■ 6254751

■ 3100063

■ 7306143

■ 2048415

■ 8357791

■ 996767

■ 9409439

■ 10911

■ 10461087

■ 11446943

■ 12498591

■ 13550239

■ 14601887

Harmonies

Analogous

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



28063



5203103



8083600

Triad

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



5203103



9917502



1274966

Complementary

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



5203103



10455631

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.



4747323



5203103



8675116

Square

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



5203103



10374488



6908202



30068

Rectangle

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



5203103



9326976



6908202



2847564

Sweetspot

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



5203103



11581647



5218186



5659497



15263976



6908265

Same Dimension

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



5203103



5469135



6442911



4671823



9615



1039

Inverse Universe

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



10440548



13587315



9215823



5195593



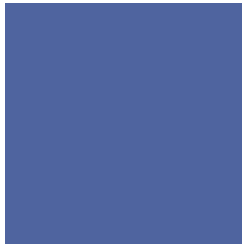
9371685



983044

Previews

White Background



This preview shows how the Decimal color 5203103 looks on a white background.

Color Contrast Check

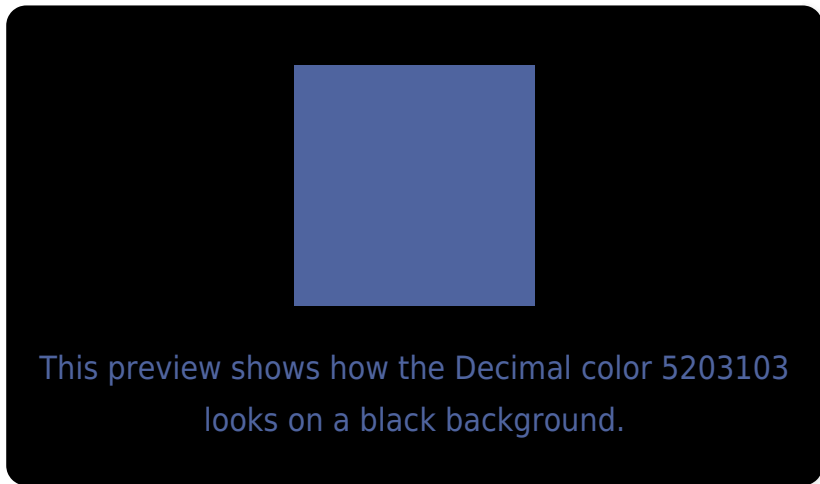
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

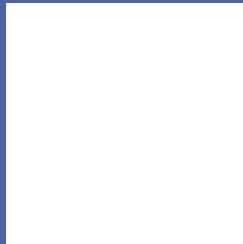
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5203103 Background



This preview shows how black text looks on a background with the Decimal color 5203103.



This preview shows how white text looks on a background with the Decimal color 5203103.

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


5203103

Protanopia

5268639

Deuteranopia

4744863



Tritanopia
4353397

Trichromacy



Original Color
5203103

Protanomaly
5268639

Deuteranomaly
4941215

Tritanomaly
4680324

Monochromacy



Original Color
5203103

Achromatopsia
6579300

Achromatomaly
6055033

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5203103 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 #4F649F looks like.

```
.text, #text, p{  
    color:#4F649F  
}
```

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 #4F649F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F649F
}
```

Border

The CSS property to change the border of an element to Decimal 5203103 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
#4F649F }
```

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

```
.border{ border-color:#4F649F }
```

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

Here you see how a box with a 4 pixel #4F649F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F649F; -webkit-box-shadow:4px 4px  
4px 4px #4F649F; box-shadow:4px 4px 4px  
4px #4F649F }
```

Background

The CSS property to change the background color of an element to Decimal 5203103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F649F }
```

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

```
.background{ background-color:#4F649F }
```

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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