

Converting Colors

Decimal(5207713)

Have a look what the booklet for
Decimal(5207713) contains.

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Color

Decimal(5207713)

Conversions

Conversions Part 1

Format	Color
Hex	4F76A1
RGB	79, 118, 161
RGB Percent	31%, 46%, 63%
CMY	0.6902, 0.5373, 0.3686
CMYK	0.51, 0.27, 0.00, 0.37
HSL	211°, 34%, 47%
HSV	211°, 51%, 63%
XYZ	16.1359, 17.1923, 36.1862
YIQ	111.2410, -37.0470, 5.1050

Conversions

Conversions Part 2

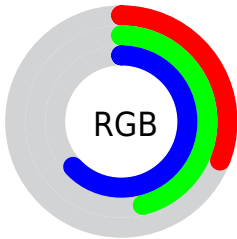
Format	Color
R_{YB}	79, 105, 161
Decimal	5207713
CIE _{Lab}	48.50, -1.17, -27.32
CIE _{LCh}	49, 27.350, 267.555
Yxy	17.1923, 0.2321, 0.2473
Android (android.graphics.Color)	4283397793 (0xFF4F76A1)
YUV	111.2410, 24.5312, -28.2754
Hunter-Lab	41.4636, -3.0967, -22.7191

Details

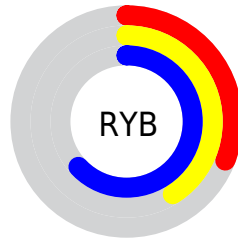
The Decimal color **5207713** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10582607**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8760024**, and **1394285** is the 20% darker color. If you saturate the color by 10%, you get **4157089**, and if you desaturate by 10%, it is **6258337**.

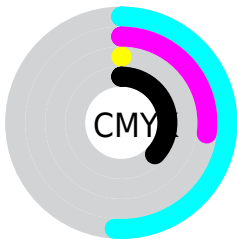
Distribution



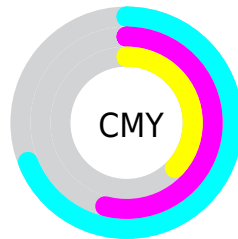
- Red (31%)
- Green (46%)
- Blue (63%)



- Red (31%)
- Yellow (41%)
- Blue (63%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (54%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5207713 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 5207713 by changing the saturation by 10% instead.

■ 5207713

■ 5207713

16777215

■ 3431815

■ 8760024

■ 1394285

■ 10536436

■ 12373

■ 12378623

■ 6973

■ 14286591

■ 807

■ 16187391

■ 273

■ 0

■ 5207713

■ 5207713

■ 4157089

■ 6258337

■ 3106209

■ 7309217

■ 2055585

■ 8359841

■ 1004705

■ 9410721

■ 19873

■ 10526881

■ 11577761

■ 12628385

■ 13679265

■ 14729889

Harmonies

Analogous

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



2653338



5207713



7564956

Triad

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



5207713



10511199



5340506

Complementary

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



5207713



10582607

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.



7174217



5207713



9857357

Square

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



5207713



10379638



8679749



3374960

Rectangle

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



5207713



8874131



8679749



5995603

Sweetspot

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



5207713



11715025



5218681



5660521



15263976



6908265

Same Dimension

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



5207713



5410513



5263265



4803922



17809



2066

Inverse Universe

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



10571638



13718158



10527055



5392717



9502789



1179656

Previews

White Background



This preview shows how the Decimal color 5207713 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 5207713 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 5207713 Background



This preview shows how black text looks on a background with the Decimal color 5207713.



This preview shows how white text looks on a background with the Decimal color 5207713.

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](#).

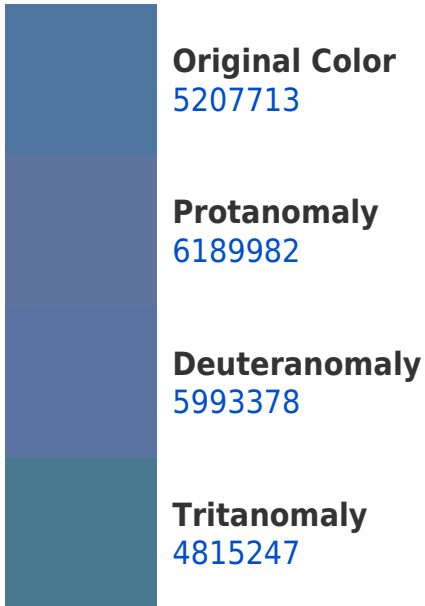
Dichromacy





Tritanopia
4619141

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5207713 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 #4F76A1 looks like.

```
.text, #text, p{  
    color:#4F76A1  
}
```

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 #4F76A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F76A1
}
```

Border

The CSS property to change the border of an element to Decimal 5207713 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
#4F76A1 }
```

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

```
.border{ border-color:#4F76A1 }
```

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

Here you see how a box with a 4 pixel #4F76A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F76A1; -webkit-box-shadow:4px 4px  
4px 4px #4F76A1; box-shadow:4px 4px 4px  
4px #4F76A1 }
```

Background

The CSS property to change the background color of an element to Decimal 5207713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F76A1 }
```

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

```
.background{ background-color:#4F76A1 }
```

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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