

Converting Colors

Decimal(5217230)

Have a look what the booklet for
Decimal(5217230) contains.

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Color

Decimal(5217230)

Conversions

Conversions Part 1

Format	Color
Hex	4F9BCE
RGB	79, 155, 206
RGB Percent	31%, 61%, 81%
CMY	0.6902, 0.3922, 0.1922
CMYK	0.62, 0.25, 0.00, 0.19
HSL	204°, 56%, 56%
HSV	204°, 62%, 81%
XYZ	26.0864, 29.5612, 62.7235
YIQ	138.0900, -61.6670, -0.2510

Conversions

Conversions Part 2

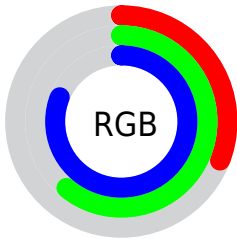
Format	Color
R_{YB}	79, 127, 206
Decimal	5217230
CIE _{Lab}	61.27, -8.14, -33.18
CIE _{LCh}	61, 34.167, 256.213
Yxy	29.5612, 0.2204, 0.2497
Android (android.graphics.Color)	4283407310 (0xFF4F9BCE)
YUV	138.0900, 33.4796, -51.8219
Hunter-Lab	54.3702, -9.5050, -30.3400

Details

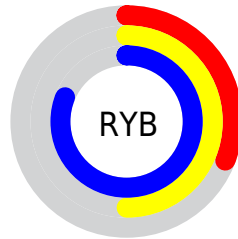
The Decimal color **5217230** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **13533775**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9097727**, and **26775** is the 20% darker color. If you saturate the color by 10%, you get **3838926**, and if you desaturate by 10%, it is **6595534**.

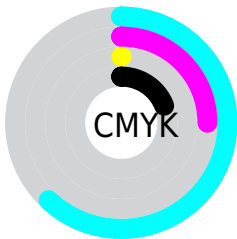
Distribution



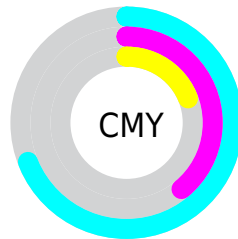
- Red (31%)
- Green (61%)
- Blue (81%)



- Red (31%)
- Yellow (50%)
- Blue (81%)



- Cyan (62%)
- Magenta (25%)
- Yellow (0%)
- Black (19%)



- Cyan (69%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5217230 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 5217230 by changing the saturation by 10% instead.

■ 5217230

■ 5217230

16777215

■ 2982322

■ 9097727

■ 26775

■ 11071231

■ 20605

■ 12976127

■ 14692

■ 14942207

■ 9292

■ 3381

■ 543

■ 2

■ 0

■ 5217230

■ 5217230

■ 3838926

■ 6595534

■ 2525902

■ 7908558

■ 1147598

■ 9286862

■ 31694

■ 10599630

■ 11977934

■ 13356494

■ 14669262

■ 16047566

■ 16770510

Harmonies

Analogous

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



1548735



5217230



8622542

Triad

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



5217230



13598085



7708521

Complementary

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



5217230



13533775

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.



9934681



5217230



13140842

Square

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



5217230



13008547



11832665



5219205

Rectangle

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



5217230



10521285



11832665



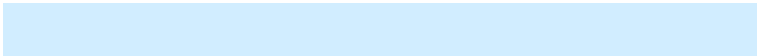
8494434

Sweetspot

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



5217230



13757951



5230210



6517888



0



8421504

Same Dimension

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



5217230



4371455



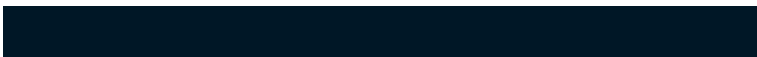
5201102



6054502



25510



5926

Inverse Universe

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



13520795



16728755



13549903



6708322



10879075



2490391

Previews

White Background



This preview shows how the Decimal color 5217230 looks on a white background.

Color Contrast Check

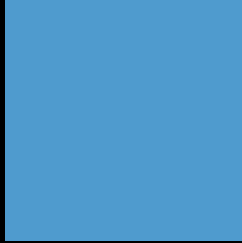
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 5217230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

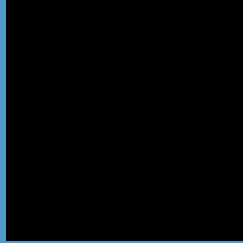
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 5217230 Background



This preview shows how black text looks on a background with the Decimal color 5217230.




This preview shows how white text looks on a background with the Decimal color 5217230.

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](#).

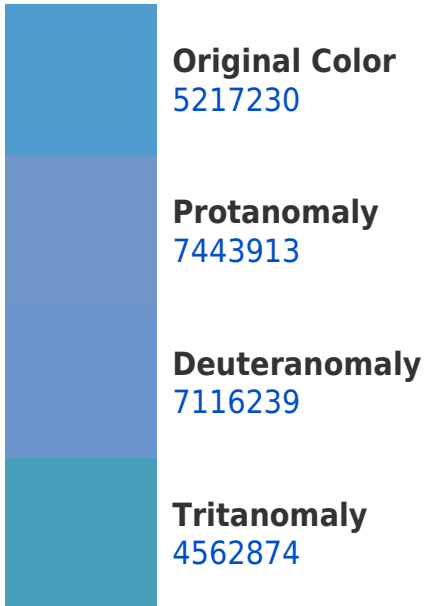
Dichromacy





Tritanopia
4235694

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5217230 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 #4F9BCE looks like.

```
.text, #text, p{  
    color:#4F9BCE  
}
```

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 #4F9BCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9BCE
}
```

Border

The CSS property to change the border of an element to Decimal 5217230 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
#4F9BCE }
```

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

```
.border{ border-color:#4F9BCE }
```

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

Here you see how a box with a 4 pixel #4F9BCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9BCE; -webkit-box-shadow:4px 4px  
4px 4px #4F9BCE; box-shadow:4px 4px 4px  
4px #4F9BCE }
```

Background

The CSS property to change the background color of an element to Decimal 5217230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9BCE }
```

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

```
.background{ background-color:#4F9BCE }
```

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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