

# Converting Colors

Decimal(5006514)

Have a look what the booklet for  
Decimal(5006514) contains.

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# Color

**Decimal(5006514)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C64B2
RGB	76, 100, 178
RGB Percent	30%, 39%, 70%
CMY	0.7020, 0.6078, 0.3020
CMYK	0.57, 0.44, 0.00, 0.30
HSL	226°, 40%, 50%
HSV	226°, 57%, 70%
XYZ	15.5735, 13.8652, 43.9749
YIQ	101.7160, -39.3420, 19.1700

# Conversions

## Conversions Part 2

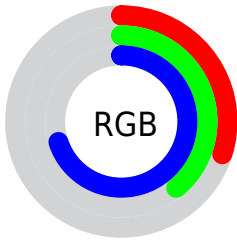
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 95, 178
Decimal	5006514
CIE <sub>Lab</sub>	44.04, 14.81, -44.32
CIE <sub>LCh</sub>	44, 46.730, 288.482
Yxy	13.8652, 0.2121, 0.1889
Android (android.graphics.Color)	4283196594 (0xFF4C64B2)
YUV	101.7160, 37.6080, -22.5529
Hunter-Lab	37.2360, 9.4927, -43.9550

# Details

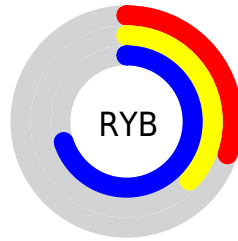
The Decimal color **5006514** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **11704908**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **8689642**, and **13949** is the 20% darker color. If you saturate the color by 10%, you get **3823282**, and if you desaturate by 10%, it is **6189746**.

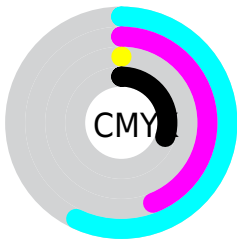
# Distribution



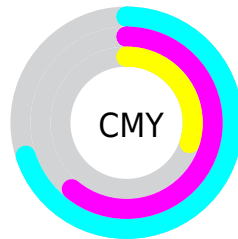
- Red (30%)
- Green (39%)
- Blue (70%)



- Red (30%)
- Yellow (37%)
- Blue (70%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (61%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5006514 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 5006514 by changing the saturation by 10% instead.



■ 5006514

■ 5006514

16777215

■ 3034263

■ 8689642

■ 13949

■ 10531327

■ 8547

■ 12438783

■ 3147

■ 14346751

■ 1075

■ 16318463

■ 541

■ 0

■ 5006514

■ 5006514

■ 3823282

■ 6189746

■ 2640306

■ 7372722

■ 1522610

■ 8490418

■ 339634

■ 9673394

■ 10930

■ 10856626

■ 12039858

■ 13222834

■ 14340530

■ 15523762

# Harmonies

## Analogous

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



29108



5006514



8934300

# Triad

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



5006514



10703151



31319

# Complementary

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



5006514



11704908

# 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.



3569202



5006514



9003285

# Square

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



5006514



11421010



6647061



31616

# Rectangle

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



5006514



10439045



6647061



31050



# Sweetspot

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



5006514



12700392



5026457



6185845



16119285



7697781



# Same Dimension

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



5006514



4746984



6704306



5263961



9369



1562



# Inverse Universe

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



11684964



15222894



10072652



5853266



10027044

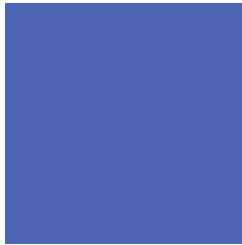


1703942



# Previews

## White Background



This preview shows how the Decimal color 5006514 looks on a white background.

## Color Contrast Check

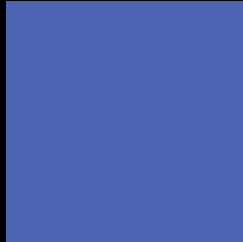
Large Text (above 18pt) WCAG AA ✓ Pass

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 5006514 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 5006514 Background



This preview shows how black text looks on a background with the Decimal color 5006514.



This preview shows how white text looks on a background with the Decimal color 5006514.

# Color Blindness Simulation

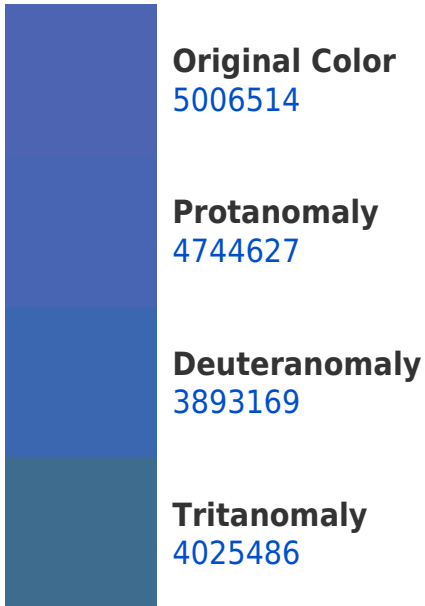
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5006514 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 #4C64B2 looks like.

```
.text, #text, p{  
    color:#4C64B2  
}
```

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 #4C64B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C64B2
}
```

## Border

The CSS property to change the border of an element to Decimal 5006514 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
#4C64B2 }
```

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

```
.border{ border-color:#4C64B2 }
```

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

Here you see how a box with a 4 pixel #4C64B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C64B2; -webkit-box-shadow:4px 4px  
4px 4px #4C64B2; box-shadow:4px 4px 4px  
4px #4C64B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 5006514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C64B2 }
```

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

```
.background{ background-color:#4C64B2 }
```

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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