

# Converting Colors

Decimal(2517429)

Have a look what the booklet for  
Decimal(2517429) contains.

<b>Decimal(2517429)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2517429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2669B5
RGB	38, 105, 181
RGB Percent	15%, 41%, 71%
CMY	0.8510, 0.5882, 0.2902
CMYK	0.79, 0.42, 0.00, 0.29
HSL	212°, 65%, 43%
HSV	212°, 79%, 71%
XYZ	14.1914, 13.8514, 45.6417
YIQ	93.6310, -64.3280, 9.4320

# Conversions

## Conversions Part 2

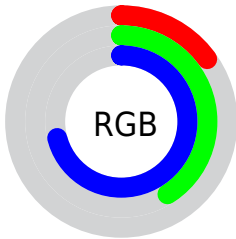
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 84, 181
Decimal	2517429
CIE Lab	44.02, 6.55, -46.20
CIE LCh	44, 46.661, 278.073
Yxy	13.8514, 0.1926, 0.1880
Android (android.graphics.Color)	4280707509 (0xFF2669B5)
YUV	93.6310, 43.0729, -48.7884
Hunter-Lab	37.2175, 2.9332, -46.6581

# Details

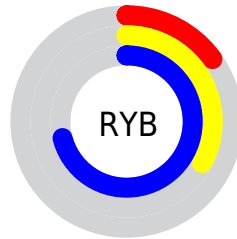
The Decimal color **2517429** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11891238**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **6921453**, and **15231** is the 20% darker color. If you saturate the color by 10%, you get **1335221**, and if you desaturate by 10%, it is **3699637**.

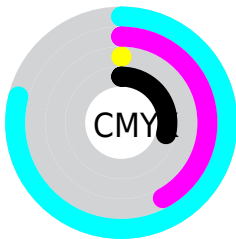
# Distribution



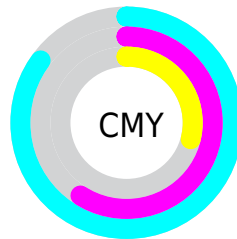
- Red (15%)
- Green (41%)
- Blue (71%)



- Red (15%)
- Yellow (33%)
- Blue (71%)



- Cyan (79%)
- Magenta (42%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (59%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2517429 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 2517429 by changing the saturation by 10% instead.





2517429



2517429

16777215



20890



6921453



15231



8894207



9830



10801919



4429



12709631



1334



14680063



544

16646143



3



0



2517429



2517429

■ 1335221

■ 3699637

■ 153269

■ 4881589

■ 21941

■ 6063797

■ 7245749

■ 8493493

■ 9675701

■ 10857653

■ 12039861

■ 13222069

# Harmonies

## Analogous

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



29872



2517429



7821733

# Triad

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



2517429



11095098



31050

# Complementary

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



2517429



11891238

# 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.



4813606



2517429



9657373

# Square

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



2517429



11420511



7498257



31602

# Rectangle

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



2517429



9719442



7498257



1996605



# Sweetspot

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



2517429



11718123



2536816



5464949



16119285



7697781



# Same Dimension

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



2517429



816363



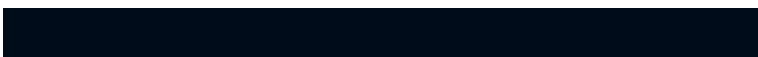
2631349



5264729



18585



3098



# Inverse Universe

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



11871849



15404148



11777318



5853269



10027080



1703948



# Previews

## White Background



This preview shows how the Decimal color 2517429 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 2517429 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 2517429 Background



This preview shows how black text looks on a background with the Decimal color 2517429.



This preview shows how white text looks on a background with the Decimal color 2517429.

# 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](#).

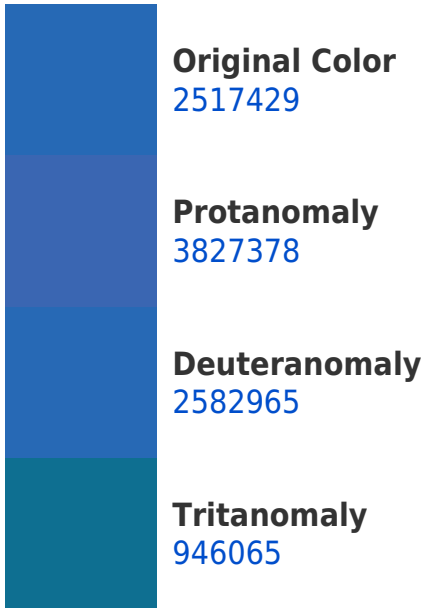
## Dichromacy



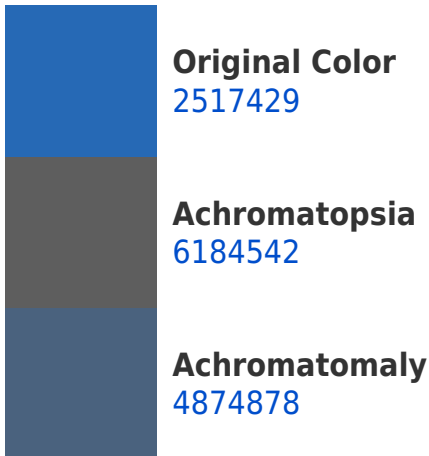


**Tritanopia**  
29564

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2517429 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 #2669B5 looks like.

```
.text, #text, p{  
    color:#2669B5  
}
```

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 #2669B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2669B5
}
```

## Border

The CSS property to change the border of an element to Decimal 2517429 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
#2669B5 }
```

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

```
.border{ border-color:#2669B5 }
```

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

Here you see how a box with a 4 pixel #2669B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2669B5; -webkit-box-shadow:4px 4px  
4px 4px #2669B5; box-shadow:4px 4px 4px  
4px #2669B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 2517429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2669B5 }
```

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

```
.background{ background-color:#2669B5 }
```

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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