

# Converting Colors

Decimal(2125740)

Have a look what the booklet for  
Decimal(2125740) contains.

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# Color

**Decimal(2125740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	206FAC
RGB	32, 111, 172
RGB Percent	13%, 44%, 67%
CMY	0.8745, 0.5647, 0.3255
CMYK	0.81, 0.35, 0.00, 0.33
HSL	206°, 69%, 40%
HSV	206°, 81%, 67%
XYZ	13.7265, 14.6545, 41.1349
YIQ	94.3330, -66.6650, 2.2230

# Conversions

## Conversions Part 2

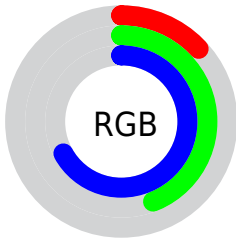
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	32, 83, 172
Decimal	2125740
CIE Lab	45.16, -1.28, -39.14
CIE LCh	45, 39.159, 268.124
Yxy	14.6545, 0.1975, 0.2108
Android (android.graphics.Color)	4280315820 (0xFF206FAC)
YUV	94.3330, 38.2898, -54.6660
Hunter-Lab	38.2812, -2.9874, -36.9129

# Details

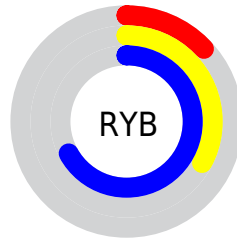
The Decimal color **2125740** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11296032**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **6595300**, and **16503** is the 20% darker color. If you saturate the color by 10%, you get **1009836**, and if you desaturate by 10%, it is **3241644**.

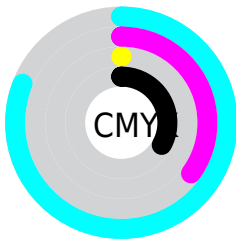
# Distribution



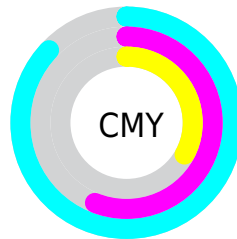
- Red (13%)
- Green (44%)
- Blue (67%)



- Red (13%)
- Yellow (33%)
- Blue (67%)



- Cyan (81%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (56%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2125740 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 2125740 by changing the saturation by 10% instead.



■ 2125740                      ■ 2125740

16777215                      ■ 22417

■ 6595300                      ■ 16503

■ 8502783                      ■ 10846

■ 10476031                    ■ 5702

■ 12383743                    ■ 1071

■ 14286847                    ■ 281

■ 16252927                    ■ 0

■ 2125740                      ■ 2125740

■ 1009836                      ■ 3241644

■ 25004

■ 4357804

■ 5539244

■ 6655404

■ 7771308

■ 8887468

■ 10003372

■ 11185068

■ 12300972

# Harmonies

## Analogous

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



30626



2125740



6906789

# Triad

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



2125740



10900046



3438663

# Complementary

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



2125740



11296032

# 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.



6255150



2125740



9985076

# Square

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



2125740



10833774



8349735



31592

# Rectangle

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



2125740



8805015



8349735



4486717



# Sweetspot

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



2125740



11258336



2141277



5268080



15790320



7368816



# Same Dimension

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



2125740



295392



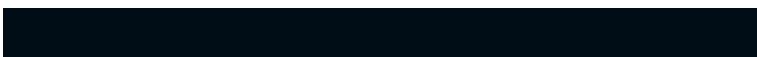
2107820



5133143



21910



3351



# Inverse Universe

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



11280495



14681217



11313952



5721683



9830485



1507341



# Previews

## White Background



This preview shows how the Decimal color 2125740 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 2125740 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 2125740 Background



This preview shows how black text looks on a background with the Decimal color 2125740.

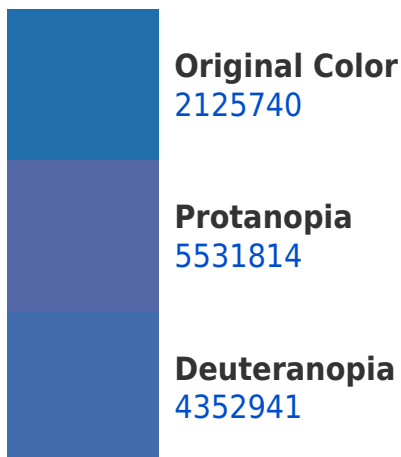


This preview shows how white text looks on a background with the Decimal color 2125740.

# 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](#).

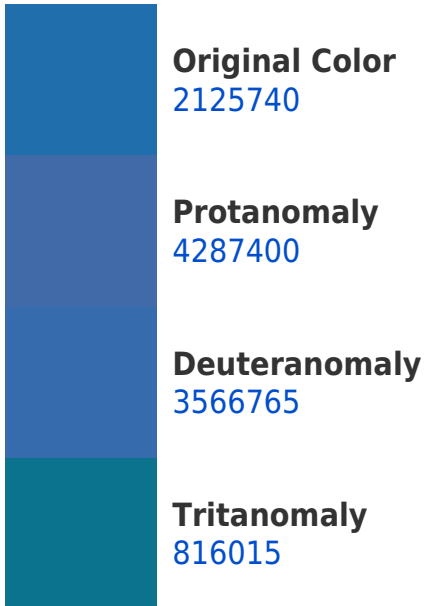
## Dichromacy





**Tritanopia**  
30335

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2125740 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 #206FAC looks like.

```
.text, #text, p{  
    color:#206FAC  
}
```

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 #206FAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206FAC
}
```

## Border

The CSS property to change the border of an element to Decimal 2125740 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
#206FAC }
```

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

```
.border{ border-color:#206FAC }
```

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

Here you see how a box with a 4 pixel #206FAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206FAC; -webkit-box-shadow:4px 4px  
4px 4px #206FAC; box-shadow:4px 4px 4px  
4px #206FAC }
```

# Background

The CSS property to change the background color of an element to Decimal 2125740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206FAC }
```

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

```
.background{ background-color:#206FAC }
```

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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