

Converting Colors

Decimal(2126763)

Have a look what the booklet for
Decimal(2126763) contains.

Decimal(2126763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2126763)

Conversions

Conversions Part 1

Format	Color
Hex	2073AB
RGB	32, 115, 171
RGB Percent	13%, 45%, 67%
CMY	0.8745, 0.5490, 0.3294
CMYK	0.81, 0.33, 0.00, 0.33
HSL	204°, 68%, 40%
HSV	204°, 81%, 67%
XYZ	14.0771, 15.5088, 40.7796
YIQ	96.5670, -67.4440, -0.1800

Conversions

Conversions Part 2

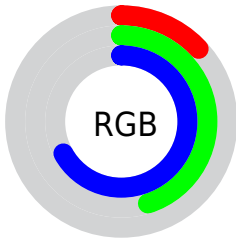
Format	Color
R_{YB}	32, 84, 171
Decimal	2126763
CIE _{Lab}	46.32, -4.09, -36.71
CIE _{LCh}	46, 36.938, 263.638
Yxy	15.5088, 0.2001, 0.2204
Android (android.graphics.Color)	4280316843 (0xFF2073AB)
YUV	96.5670, 36.6955, -56.6253
Hunter-Lab	39.3812, -5.1112, -33.8285

Details

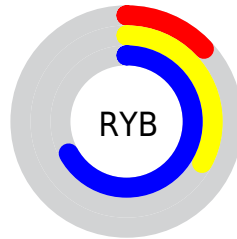
The Decimal color **2126763** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11229216**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **6596579**, and **17270** is the 20% darker color. If you saturate the color by 10%, you get **1010859**, and if you desaturate by 10%, it is **3242667**.

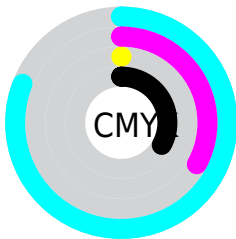
Distribution



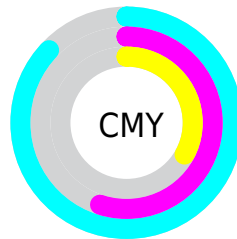
- Red (13%)
- Green (45%)
- Blue (67%)



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



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



- Cyan (87%)
- Magenta (55%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2126763 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 2126763 by changing the saturation by 10% instead.

■ 2126763

■ 2126763

16777215

■ 23440

■ 6596579

■ 17270

■ 8504063

■ 11869

■ 10411775

■ 6725

■ 12385023

■ 1071

■ 14286847

■ 281

■ 16252927

■ 0

■ 2126763

■ 2126763

■ 1010859

■ 3242667

■ 26283

■ 4358571

■ 5474475

■ 6590379

■ 7706027

■ 8887467

■ 10003371

■ 11119275

■ 12235179

Harmonies

Analogous

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



31391



2126763



6645926

Triad

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



2126763



11031895



4356680

Complementary

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



2126763



11229216

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.



6845235



2126763



10247741

Square

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



2126763



10769526



8809007



32102

Rectangle

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



2126763



8544411



8809007



5273663

Sweetspot

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



2126763



11127006



2141016



5268336



15790320



7368816

Same Dimension

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



2126763



296670



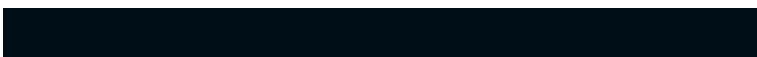
2109099



5133143



23190



3607

Inverse Universe

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



11214963



14550150



11246880



5721683



9830490



1507342

Previews

White Background



This preview shows how the Decimal color 2126763 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 2126763 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 2126763 Background



This preview shows how black text looks on a background with the Decimal color 2126763.



This preview shows how white text looks on a background with the Decimal color 2126763.

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](#).

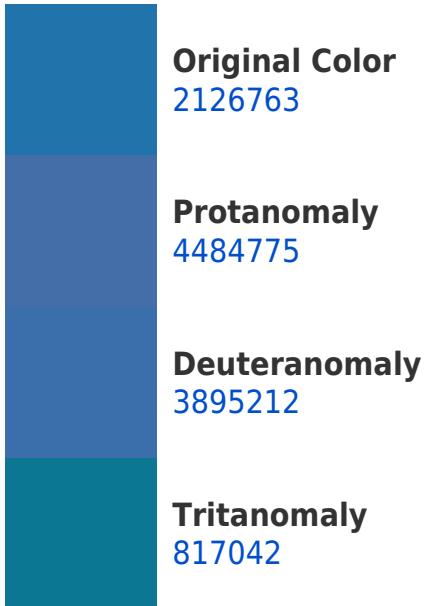
Dichromacy





Tritanopia
31107

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2126763 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 #2073AB looks like.

```
.text, #text, p{  
    color:#2073AB  
}
```

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 #2073AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2073AB
}
```

Border

The CSS property to change the border of an element to Decimal 2126763 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
#2073AB }
```

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

```
.border{ border-color:#2073AB }
```

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

Here you see how a box with a 4 pixel #2073AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2073AB; -webkit-box-shadow:4px 4px  
4px 4px #2073AB; box-shadow:4px 4px 4px  
4px #2073AB }
```

Background

The CSS property to change the background color of an element to Decimal 2126763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2073AB }
```

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

```
.background{ background-color:#2073AB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor