

Converting Colors

Decimal(4226513)

Have a look what the booklet for
Decimal(4226513) contains.

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Color

Decimal(4226513)

Conversions

Conversions Part 1

Format	Color
Hex	407DD1
RGB	64, 125, 209
RGB Percent	25%, 49%, 82%
CMY	0.7490, 0.5098, 0.1804
CMYK	0.69, 0.40, 0.00, 0.18
HSL	215°, 61%, 54%
HSV	215°, 69%, 82%
XYZ	20.9566, 20.3607, 63.1471
YIQ	116.3370, -63.3200, 13.1920

Conversions

Conversions Part 2

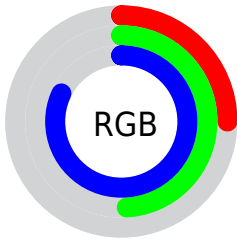
Format	Color
R _Y B	64, 107, 209
Decimal	4226513
CIE Lab	52.24, 7.91, -49.13
CIE LCh	52, 49.760, 279.151
Yxy	20.3607, 0.2006, 0.1949
Android (android.graphics.Color)	4282416593 (0xFF407DD1)
YUV	116.3370, 45.6829, -45.8995
Hunter-Lab	45.1228, 3.9367, -51.3874

Details

The Decimal color **4226513** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **13734976**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **8368639**, and **19866** is the 20% darker color. If you saturate the color by 10%, you get **2847185**, and if you desaturate by 10%, it is **5605841**.

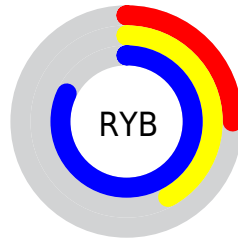
Distribution



Red (25%)

Green (49%)

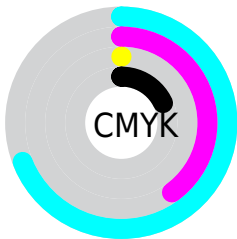
Blue (82%)



Red (25%)

Yellow (42%)

Blue (82%)

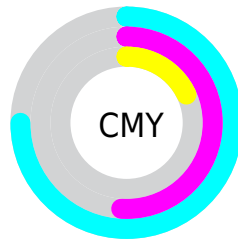


Cyan (69%)

Magenta (40%)

Yellow (0%)

Black (18%)



Cyan (75%)

Magenta (51%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4226513 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 4226513 by changing the saturation by 10% instead.

■ 4226513

■ 4226513

16777215

■ 1270965

■ 8368639

■ 19866

■ 10341631

■ 14207

■ 12249599

■ 8806

■ 14221311

■ 2893

■ 16252927

■ 1334

■ 544

■ 3

■ 0

■ 4226513

■ 4226513

■ 2847185

■ 5605841

■ 1467857

■ 6985169

■ 88529

■ 8364497

■ 22737

■ 9743825

■ 11123409

■ 12437201

■ 13816529

■ 15195857

■ 16575185

Harmonies

Analogous

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



35276



4226513



9465023

Triad

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



4226513



12869449



36701

Complementary

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



4226513



13734976

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.



5867830



4226513



11300906

Square

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



4226513



13325681



8879904



37257

Rectangle

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



4226513



11493545



8879904



2920015

Sweetspot

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



4226513



13230335



4247954



6319488



0



8421504

Same Dimension

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



4226513



2852095



4866257



6185577



18344



4393

Inverse Universe

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



13713533



16722820



13095232



6905442



11010119



2686993

Previews

White Background



This preview shows how the Decimal color 4226513 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 4226513 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 4226513 Background



This preview shows how black text looks on a background with the Decimal color 4226513.



This preview shows how white text looks on a background with the Decimal color 4226513.

Color Blindness Simulation

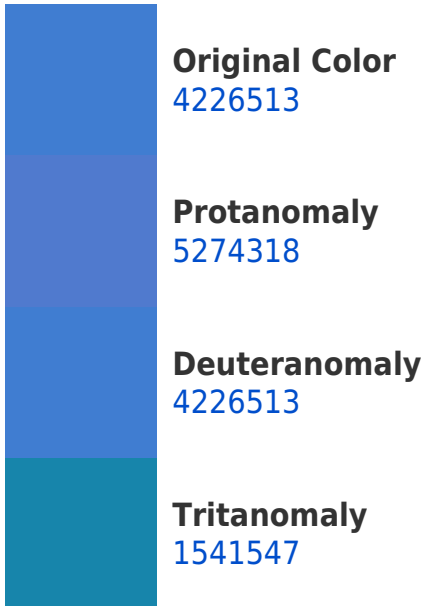
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4226513 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 #407DD1 looks like.

```
.text, #text, p{  
    color:#407DD1  
}
```

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 #407DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407DD1
}
```

Border

The CSS property to change the border of an element to Decimal 4226513 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
#407DD1 }
```

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

```
.border{ border-color:#407DD1 }
```

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

Here you see how a box with a 4 pixel #407DD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407DD1; -webkit-box-shadow:4px 4px  
4px 4px #407DD1; box-shadow:4px 4px 4px  
4px #407DD1 }
```

Background

The CSS property to change the background color of an element to Decimal 4226513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407DD1 }
```

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

```
.background{ background-color:#407DD1 }
```

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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