

Converting Colors

Decimal(4226204)

Have a look what the booklet for
Decimal(4226204) contains.

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Color

Decimal(4226204)

Conversions

Conversions Part 1

Format	Color
Hex	407C9C
RGB	64, 124, 156
RGB Percent	25%, 49%, 61%
CMY	0.7490, 0.5137, 0.3882
CMYK	0.59, 0.21, 0.00, 0.39
HSL	201°, 42%, 43%
HSV	201°, 59%, 61%
XYZ	15.3228, 17.9056, 34.1010
YIQ	109.7080, -46.0320, -2.7680

Conversions

Conversions Part 2

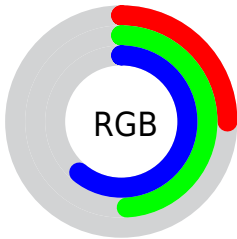
Format	Color
R_{YB}	64, 100, 156
Decimal	4226204
CIE _{Lab}	49.38, -9.69, -23.09
CIE _{LCh}	49, 25.045, 247.236
Yxy	17.9056, 0.2276, 0.2659
Android (android.graphics.Color)	4282416284 (0xFF407C9C)
YUV	109.7080, 22.8220, -40.0859
Hunter-Lab	42.3150, -9.4143, -18.1604

Details

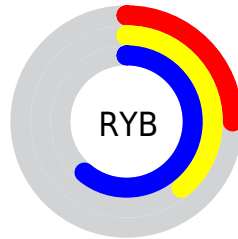
The Decimal color **4226204** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10248256**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **7844307**, and **19305** is the 20% darker color. If you saturate the color by 10%, you get **3176348**, and if you desaturate by 10%, it is **5276060**.

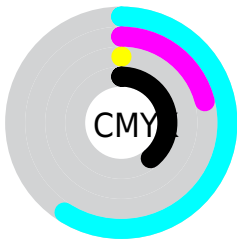
Distribution



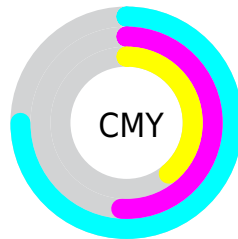
- Red (25%)
- Green (49%)
- Blue (61%)



- Red (25%)
- Yellow (39%)
- Blue (61%)



- Cyan (59%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4226204 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 4226204 by changing the saturation by 10% instead.

■ 4226204

■ 4226204

16777215

■ 2188162

■ 7844307

■ 19305

■ 9686255

■ 13648

■ 11528447

■ 7993

■ 13434879

■ 548

■ 15335423

■ 12

■ 0

■ 4226204

■ 4226204

■ 3176348

■ 5276060

■ 2191772

■ 6260636

■ 1141916

■ 7310492

■ 157340

■ 8295068

■ 26268

■ 9344924

■ 10395036

■ 11379356

■ 12429212

■ 13413788

Harmonies

Analogous

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



2916494



4226204



6387359

Triad

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



4226204



10446193



6847571

Complementary

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



4226204



10248256

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.



8353355



4226204



10315869

Square

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



4226204



9791622



9596751



5210212

Rectangle

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



4226204



7696795



9596751



7371343

Sweetspot

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



4226204



10993612



4234335



5267046



15132390



6710886

Same Dimension

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



4226204



3906252



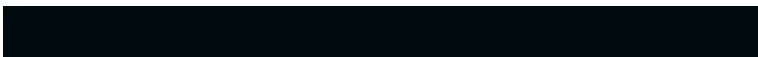
4214684



4672591



23951



2575

Inverse Universe

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



10240124



13384602



10259776



5195596



9371741



983050

Previews

White Background



This preview shows how the Decimal color 4226204 looks on a white background.

Color Contrast Check

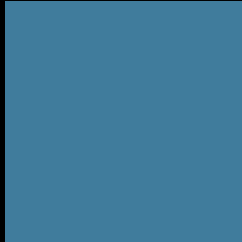
Large Text (above 18pt) WCAG AA ✓ Pass

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 4226204 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 4226204 Background



This preview shows how black text looks on a background with the Decimal color 4226204.

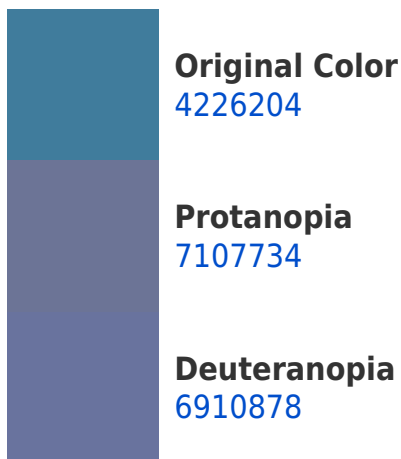


This preview shows how white text looks on a background with the Decimal color 4226204.

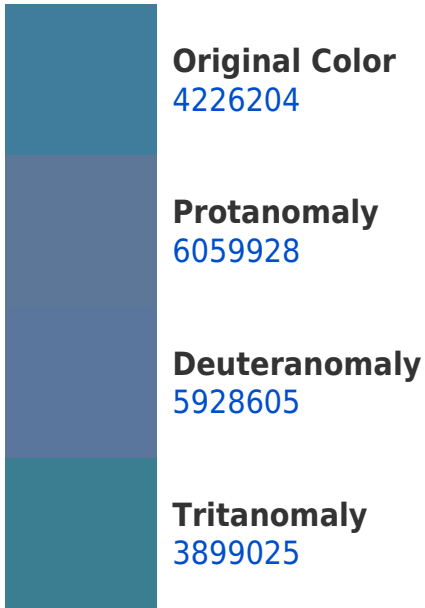
Color Blindness Simulation

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 4226204 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 #407C9C looks like.

```
.text, #text, p{  
    color:#407C9C  
}
```

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 #407C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407C9C
}
```

Border

The CSS property to change the border of an element to Decimal 4226204 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
#407C9C }
```

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

```
.border{ border-color:#407C9C }
```

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

Here you see how a box with a 4 pixel #407C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407C9C; -webkit-box-shadow:4px 4px  
4px 4px #407C9C; box-shadow:4px 4px 4px  
4px #407C9C }
```

Background

The CSS property to change the background color of an element to Decimal 4226204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407C9C }
```

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

```
.background{ background-color:#407C9C }
```

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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