

Converting Colors

Decimal(4611226)

Have a look what the booklet for
Decimal(4611226) contains.

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Color

Decimal(4611226)

Conversions

Conversions Part 1

Format	Color
Hex	465C9A
RGB	70, 92, 154
RGB Percent	27%, 36%, 60%
CMY	0.7255, 0.6392, 0.3961
CMYK	0.55, 0.40, 0.00, 0.40
HSL	224°, 37%, 44%
HSV	224°, 55%, 60%
XYZ	12.1857, 11.2895, 32.1087
YIQ	92.4900, -33.0140, 14.6180

Conversions

Conversions Part 2

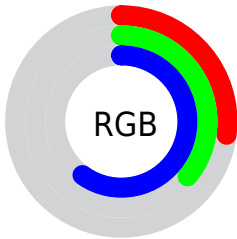
Format	Color
R_{YB}	70, 87, 154
Decimal	4611226
CIE _{Lab}	40.06, 10.47, -36.46
CIE _{LCh}	40, 37.933, 286.015
Yxy	11.2895, 0.2192, 0.2031
Android (android.graphics.Color)	4282801306 (0xFF465C9A)
YUV	92.4900, 30.3244, -19.7237
Hunter-Lab	33.5998, 5.9370, -33.1389

Details

The Decimal color **4611226** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10126406**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8163025**, and **274278** is the 20% darker color. If you saturate the color by 10%, you get **3625370**, and if you desaturate by 10%, it is **5597082**.

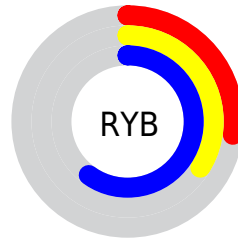
Distribution



Red (27%)

Green (36%)

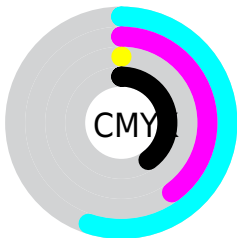
Blue (60%)



Red (27%)

Yellow (34%)

Blue (60%)

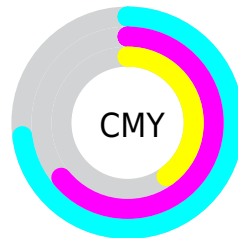


Cyan (55%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (73%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4611226 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 4611226 by changing the saturation by 10% instead.

■ 4611226

■ 4611226

16777215

■ 2770304

■ 8163025

■ 274278

■ 9939181

■ 6990

■ 11781119

■ 55

■ 13688831

■ 545

■ 15596799

■ 5

■ 0

■ 4611226

■ 4611226

■ 3625370

■ 5597082

■ 2573722

■ 6648730

■ 1587866

■ 7634586

■ 536474

■ 8685978

■ 10394

■ 9672090

■ 10657946

■ 11709594

■ 12695450

■ 13746842

Harmonies

Analogous

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



26266



4611226



7688074

Triad

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



4611226



9456691



27982

Complementary

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



4611226



10126406

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.



3959089



4611226



8149024

Square

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



4611226



9978703



6316575



28271

Rectangle

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



4611226



8996984



6316575



1535044

Sweetspot

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



4611226



11121353



4627076



5462118



15132390



6710886

Same Dimension

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



4611226



4680137



5916314



4540237



9612



781

Inverse Universe

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



10110556



13191017



8821318



5064007



9175077



851971

Previews

White Background



This preview shows how the Decimal color 4611226 looks on a white background.

Color Contrast Check

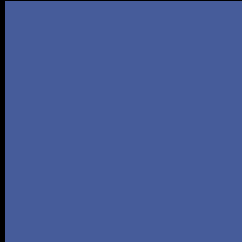
Large Text (above 18pt) WCAG AA ✓ Pass

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 4611226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

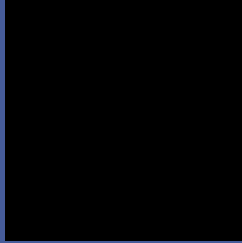
Any Text WCAG AA × Fail

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 4611226 Background



This preview shows how black text looks on a background with the Decimal color 4611226.



This preview shows how white text looks on a background with the Decimal color 4611226.

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



Original Color

4611226

Protanopia

4545690

Deuteranopia

3825561

Trichromacy



Original Color
4611226

Protanomaly
4545690

Deuteranomaly
4087449

Tritanomaly
3957374

Monochromacy



Original Color
4611226

Achromatopsia
6052956

Achromatomaly
5528691

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4611226 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 #465C9A looks like.

```
.text, #text, p{  
    color:#465C9A  
}
```

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 #465C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465C9A
}
```

Border

The CSS property to change the border of an element to Decimal 4611226 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
#465C9A }
```

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

```
.border{ border-color:#465C9A }
```

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

Here you see how a box with a 4 pixel #465C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465C9A; -webkit-box-shadow:4px 4px  
4px 4px #465C9A; box-shadow:4px 4px 4px  
4px #465C9A }
```

Background

The CSS property to change the background color of an element to Decimal 4611226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465C9A }
```

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

```
.background{ background-color:#465C9A }
```

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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