

Converting Colors

Decimal(6909356)

Have a look what the booklet for
Decimal(6909356) contains.

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Color

Decimal(6909356)

Conversions

Conversions Part 1

Format	Color
Hex	696DAC
RGB	105, 109, 172
RGB Percent	41%, 43%, 67%
CMY	0.5882, 0.5725, 0.3255
CMYK	0.39, 0.37, 0.00, 0.33
HSL	236°, 29%, 54%
HSV	236°, 39%, 67%
XYZ	18.7407, 16.9191, 41.3077
YIQ	114.9860, -22.6070, 18.7450

Conversions

Conversions Part 2

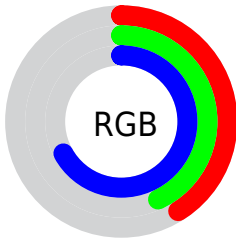
Format	Color
R _Y B	105, 109, 172
Decimal	6909356
CIE Lab	48.16, 14.47, -34.17
CIE LCh	48, 37.106, 292.960
Yxy	16.9191, 0.2435, 0.2198
Android (android.graphics.Color)	4285099436 (0xFF696DAC)
YUV	114.9860, 28.1079, -8.7577
Hunter-Lab	41.1328, 9.3448, -30.7491

Details

The Decimal color **6909356** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11315305**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **10461412**, and **3489399** is the 20% darker color. If you saturate the color by 10%, you get **5791148**, and if you desaturate by 10%, it is **8027564**.

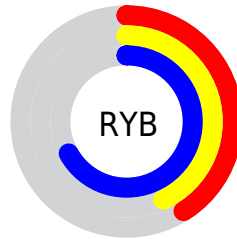
Distribution



Red (41%)

Green (43%)

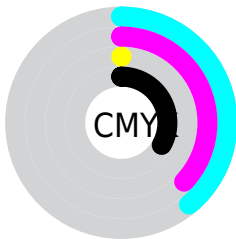
Blue (67%)



Red (41%)

Yellow (43%)

Blue (67%)

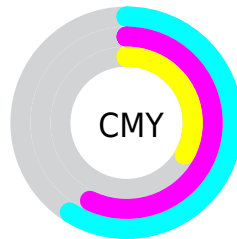


Cyan (39%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (59%)

Magenta (57%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6909356 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 6909356 by changing the saturation by 10% instead.

■ 6909356

■ 6909356

16777215

■ 5199249

■ 10461412

■ 3489399

■ 12237823

■ 1714270

■ 14145535

■ 5190

■ 16053247

■ 48

■ 282

■ 0

■ 6909356

■ 6909356

■ 5791148

■ 8027564

■ 4672940

■ 9145772

■ 3488940

■ 10329772

■ 2370732

■ 11447980

■ 1252524

■ 12566188

■ 134316

■ 13684396

■ 2732

■ 14802604

■ 15986348

■ 16777132

Harmonies

Analogous

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



2455728



6909356



9593240

Triad

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



6909356



10642241



33386

Complementary

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



6909356



11315305

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.



4750923



6909356



9137715

Square

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



6909356



11360860



7174198



33418

Rectangle

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



6909356



10705797



7174198



2392415

Sweetspot

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



6909356



12961760



6925480



6316400



15790320



7368816

Same Dimension

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



6909356



7831008



8808876



5132119



2454



279

Inverse Universe

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



11299181



14710653



9415785



5721679



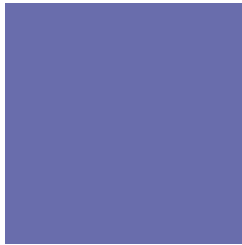
9830409



1507329

Previews

White Background



This preview shows how the Decimal color 6909356 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 6909356 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 6909356 Background



This preview shows how black text looks on a background with the Decimal color 6909356.

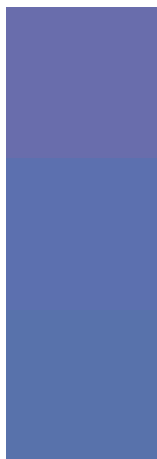


This preview shows how white text looks on a background with the Decimal color 6909356.

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
6909356

Protanopia
6058159

Deuteranopia
5796523



Tritanopia
6190720

Trichromacy



Original Color
6909356

Protanomaly
6385582

Deuteranomaly
6189227

Tritanomaly
6452112

Monochromacy



Original Color
6909356

Achromatopsia
7566195

Achromatomaly
7303560

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6909356 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 #696DAC looks like.

```
.text, #text, p{  
    color:#696DAC  
}
```

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 #696DAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696DAC
}
```

Border

The CSS property to change the border of an element to Decimal 6909356 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".

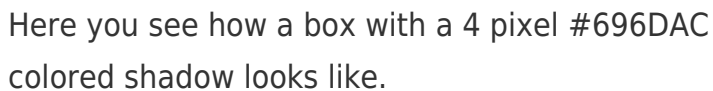
```
.border, #border, table{ border:4px solid
#696DAC }
```

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

```
.border{ border-color:#696DAC }
```

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

Here you see how a box with a 4 pixel #696DAC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696DAC; -webkit-box-shadow:4px 4px  
4px 4px #696DAC; box-shadow:4px 4px 4px  
4px #696DAC }
```

Background

The CSS property to change the background color of an element to Decimal 6909356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696DAC }
```

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

```
.background{ background-color:#696DAC }
```

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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