

Converting Colors

Decimal(5916090)

Have a look what the booklet for
Decimal(5916090) contains.

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Color

Decimal(5916090)

Conversions

Conversions Part 1

Format	Color
Hex	5A45BA
RGB	90, 69, 186
RGB Percent	35%, 27%, 73%
CMY	0.6471, 0.7294, 0.2706
CMYK	0.52, 0.63, 0.00, 0.27
HSL	251°, 46%, 50%
HSV	251°, 63%, 73%
XYZ	15.2075, 9.9751, 47.5782
YIQ	88.6170, -25.0410, 40.8390

Conversions

Conversions Part 2

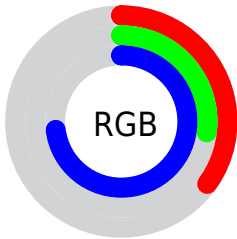
Format	Color
R_{YB}	90, 69, 186
Decimal	5916090
CIE _{Lab}	37.80, 39.56, -59.01
CIE _{LCh}	38, 71.043, 303.833
Yxy	9.9751, 0.2090, 0.1371
Android (android.graphics.Color)	4284106170 (0xFF5A45BA)
YUV	88.6170, 48.0098, 1.2129
Hunter-Lab	31.5833, 30.6776, -67.2082

Details

The Decimal color **5916090** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **10861125**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **9664243**, and **1578884** is the 20% darker color. If you saturate the color by 10%, you get **4928186**, and if you desaturate by 10%, it is **6903994**.

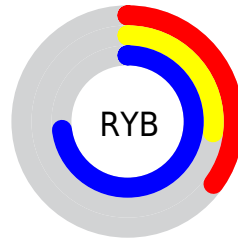
Distribution



Red (35%)

Green (27%)

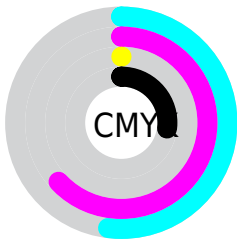
Blue (73%)



Red (35%)

Yellow (27%)

Blue (73%)

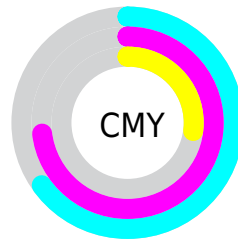


Cyan (52%)

Magenta (63%)

Yellow (0%)

Black (27%)



Cyan (65%)

Magenta (73%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5916090 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 5916090 by changing the saturation by 10% instead.

■ 5916090

■ 5916090

16777215

■ 3944094

■ 9664243

■ 1578884

■ 11571455

■ 618

■ 13478911

■ 81

■ 15452159

■ 1337

■ 16770047

■ 546

■ 9

■ 0

■ 5916090

■ 5916090

■ 4928186

■ 6903994

■ 3875002

■ 7957178

■ 2887098

■ 8945082

■ 2162874

■ 9932730

■ 10920634

■ 11974074

■ 12961722

■ 13949626

■ 14937274

Harmonies

Analogous

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



24526



5916090



10491277

Triad

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



5916090



9715968



28767

Complementary

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



5916090



1086125

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.



27937



5916090



6772992

Square

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



5916090



11670300



2516736



28824

Rectangle

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



5916090



11862119



2516736



28491

Sweetspot

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



5916090



13419762



4564666



6512250



16448250



8026746

Same Dimension

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



5916090



6110706



9651642



5526364



1835164



327708

Inverse Universe

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



12207525



15875538



7125573



6050650



10223744



1835031

Previews

White Background



This preview shows how the Decimal color 5916090 looks on a white background.

Color Contrast Check

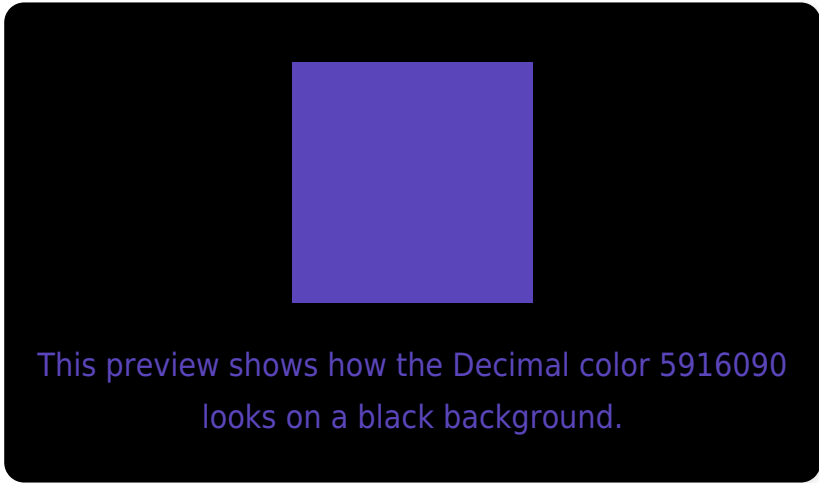
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

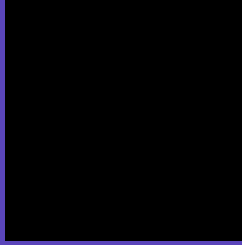
Any Text WCAG AA × Fail

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 5916090 Background



This preview shows how black text looks on a background with the Decimal color 5916090.




This preview shows how white text looks on a background with the Decimal color 5916090.

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
4152933

Trichromacy



Original Color
5916090



Protanomaly
2183351



Deuteranomaly
2184104



Tritanomaly
4806020

Monochromacy



Original Color
5916090



Achromatopsia
5855577



Achromatomaly
5853820

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5916090 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 #5A45BA looks like.

```
.text, #text, p{  
    color:#5A45BA  
}
```

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 #5A45BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A45BA
}
```

Border

The CSS property to change the border of an element to Decimal 5916090 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
#5A45BA }
```

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

```
.border{ border-color:#5A45BA }
```

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

Here you see how a box with a 4 pixel #5A45BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A45BA; -webkit-box-shadow:4px 4px  
4px 4px #5A45BA; box-shadow:4px 4px 4px  
4px #5A45BA }
```

Background

The CSS property to change the background color of an element to Decimal 5916090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A45BA }
```

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

```
.background{ background-color:#5A45BA }
```

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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