

Converting Colors

Decimal(6109589)

Have a look what the booklet for
Decimal(6109589) contains.

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Color

Decimal(6109589)

Conversions

Conversions Part 1

Format	Color
Hex	5D3995
RGB	93, 57, 149
RGB Percent	36%, 22%, 58%
CMY	0.6353, 0.7765, 0.4157
CMYK	0.38, 0.62, 0.00, 0.42
HSL	263°, 45%, 40%
HSV	263°, 62%, 58%
XYZ	11.4021, 7.4233, 29.2657
YIQ	78.2520, -8.0760, 36.2440

Conversions

Conversions Part 2

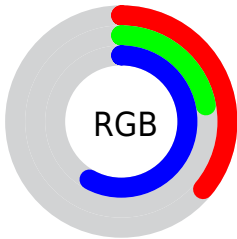
Format	Color
RYB	93, 57, 149
Decimal	6109589
CIELab	32.75, 36.46, -45.02
CIElCh	33, 57.928, 309.004
Yxy	7.4233, 0.2371, 0.1544
Android (android.graphics.Color)	4284299669 (0xFF5D3995)
YUV	78.2520, 34.8788, 12.9340
Hunter-Lab	27.2458, 27.0206, -44.6134

Details

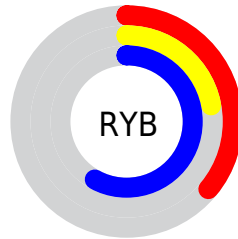
The Decimal color **6109589** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7443769**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **9661132**, and **2624097** is the 20% darker color. If you saturate the color by 10%, you get **5515925**, and if you desaturate by 10%, it is **6703253**.

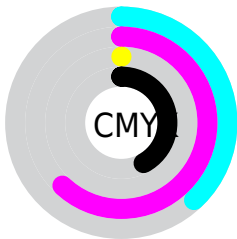
Distribution



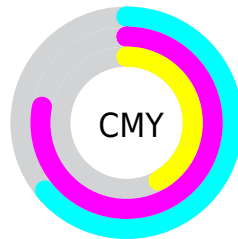
- Red (36%)
- Green (22%)
- Blue (58%)



- Red (36%)
- Yellow (22%)
- Blue (58%)



- Cyan (38%)
- Magenta (62%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6109589 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 6109589 by changing the saturation by 10% instead.

6109589

6109589

16777215

4399739

9661132

2624097

11502824

786505

13344511

50

15251967

284

16766463

0

16773887

6109589

6109589

5515925

6703253

■ 4922261

■ 7296917

■ 4328597

■ 7890581

■ 3801237

■ 8484245

■ 9077909

■ 9671317

■ 10264981

■ 10924181

■ 11517845

Harmonies

Analogous

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



20393



6109589



9181551

Triad

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



6109589



7880192



24666

Complementary

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



6109589



7443769

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.



24106



6109589



5459968

Square

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



6109589



9577493



1792256



24710

Rectangle

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



6109589



10027857



1792256



24650

Sweetspot

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



6109589



11247042



3764885



5458785



14737632



6381921

Same Dimension

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



6109589



7025346



9058709



4539210



3539082



262154

Inverse Universe

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



9779569



12726922



4494649



4866887



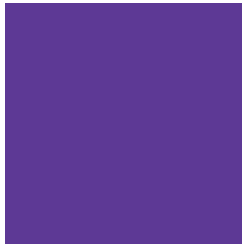
9044052



655366

Previews

White Background



This preview shows how the Decimal color 6109589 looks on a white background.

Color Contrast Check

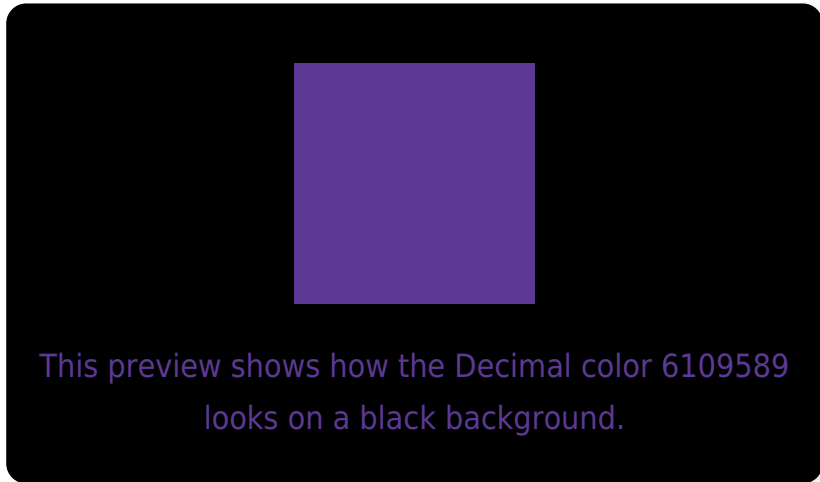
Large Text (above 18pt) WCAG AA ✓ Pass

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

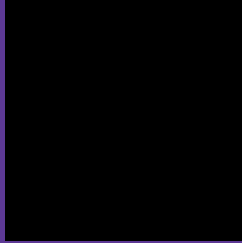
Any Text WCAG AA × Fail

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 6109589 Background



This preview shows how black text looks on a background with the Decimal color 6109589.




This preview shows how white text looks on a background with the Decimal color 6109589.

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
5196882

Trichromacy



Original Color
6109589



Protanomaly
2245787



Deuteranomaly
2246543



Tritanomaly
5522794

Monochromacy



Original Color
6109589



Achromatopsia
5131854



Achromatomaly
5457512

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6109589 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 #5D3995 looks like.

```
.text, #text, p{  
    color:#5D3995  
}
```

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 #5D3995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3995
}
```

Border

The CSS property to change the border of an element to Decimal 6109589 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
#5D3995 }
```

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

```
.border{ border-color:#5D3995 }
```

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

Here you see how a box with a 4 pixel #5D3995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3995; -webkit-box-shadow:4px 4px  
4px 4px #5D3995; box-shadow:4px 4px 4px  
4px #5D3995 }
```

Background

The CSS property to change the background color of an element to Decimal 6109589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3995 }
```

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

```
.background{ background-color:#5D3995 }
```

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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