

Converting Colors

Decimal(5333146)

Have a look what the booklet for
Decimal(5333146) contains.

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Color

Decimal(5333146)

Conversions

Conversions Part 1

Format	Color
Hex	51609A
RGB	81, 96, 154
RGB Percent	32%, 38%, 60%
CMY	0.6824, 0.6235, 0.3961
CMYK	0.47, 0.38, 0.00, 0.40
HSL	228°, 31%, 46%
HSV	228°, 47%, 60%
XYZ	13.4089, 12.4482, 32.2679
YIQ	98.1270, -27.5580, 14.8580

Conversions

Conversions Part 2

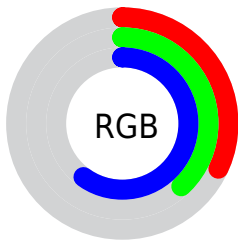
Format	Color
RYB	81, 93, 154
Decimal	5333146
CIELab	41.92, 10.63, -33.48
CIELCh	42, 35.129, 287.622
Yxy	12.4482, 0.2307, 0.2142
Android (android.graphics.Color)	4283523226 (0xFF51609A)
YUV	98.1270, 27.5454, -15.0204
Hunter-Lab	35.2820, 6.0957, -29.5275

Details

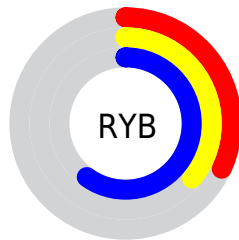
The Decimal color **5333146** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10128209**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8819409**, and **1782374** is the 20% darker color. If you saturate the color by 10%, you get **4347034**, and if you desaturate by 10%, it is **6319258**.

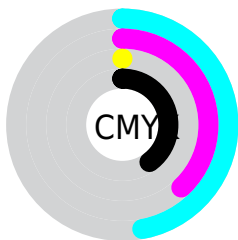
Distribution



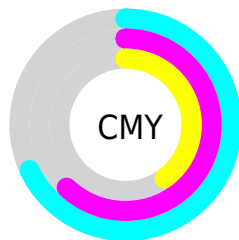
- Red (32%)
- Green (38%)
- Blue (60%)



- Red (32%)
- Yellow (36%)
- Blue (60%)



- Cyan (47%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (68%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5333146 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 5333146 by changing the saturation by 10% instead.

■ 5333146

■ 5333146

16777215

■ 3623040

■ 8819409

■ 1782374

■ 10595821

■ 7758

■ 12437759

■ 823

■ 14345471

■ 545

■ 16252927

■ 6

■ 0

■ 5333146

■ 5333146

■ 4347034

■ 6319258

■ 3295386

■ 7370906

■ 2309018

■ 8357274

■ 1257370

■ 9408922

■ 271258

■ 10395034

■ 8346

■ 11381146

■ 12433050

■ 13419162

■ 14470810

Harmonies

Analogous

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



27035



5333146



8082826

Triad

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



5333146



9523769



291158

Complementary

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



5333146



10128209

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.



4353338



5333146



8281385

Square

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



5333146



10046291



6514473



29299

Rectangle

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



5333146



9195130



6514473



2322508

Sweetspot

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



5333146



11383753



5347978



5593190



15132390



6710886

Same Dimension

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



5333146



5729993



6705562



4539981



7564



781

Inverse Universe

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



10113376



13195118



8755793



5064006



9175069



851971

Previews

White Background



This preview shows how the Decimal color 5333146 looks on a white background.

Color Contrast Check

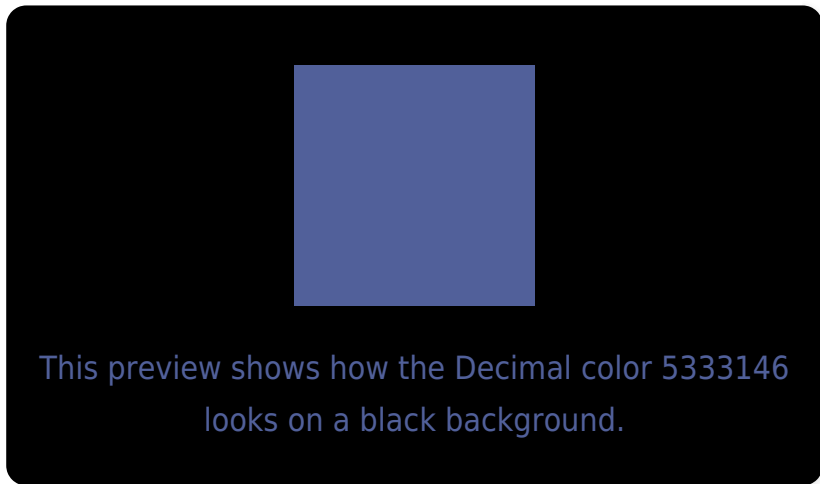
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

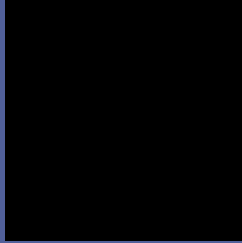
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

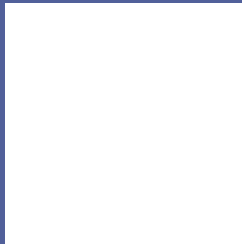
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5333146 Background



This preview shows how black text looks on a background with the Decimal color 5333146.



This preview shows how white text looks on a background with the Decimal color 5333146.

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
5333146

Protanopia
5071259

Deuteranopia
4613017



Tritanopia
4548977

Trichromacy



Original Color
5333146

Protanomaly
5136795

Deuteranomaly
4874905

Tritanomaly
4810368

Monochromacy



Original Color
5333146

Achromatopsia
6447714

Achromatomaly
6054262

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5333146 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 #51609A looks like.

```
.text, #text, p{  
    color:#51609A  
}
```

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 #51609A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51609A
}
```

Border

The CSS property to change the border of an element to Decimal 5333146 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
#51609A }
```

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

```
.border{ border-color:#51609A }
```

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

Here you see how a box with a 4 pixel #51609A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51609A; -webkit-box-shadow:4px 4px  
4px 4px #51609A; box-shadow:4px 4px 4px  
4px #51609A }
```

Background

The CSS property to change the background color of an element to Decimal 5333146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51609A }
```

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

```
.background{ background-color:#51609A }
```

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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