

Converting Colors

Decimal(5193586)

Have a look what the booklet for
Decimal(5193586) contains.

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Color

Decimal(5193586)

Conversions

Conversions Part 1

Format	Color
Hex	4F3F72
RGB	79, 63, 114
RGB Percent	31%, 25%, 45%
CMY	0.6902, 0.7529, 0.5529
CMYK	0.31, 0.45, 0.00, 0.55
HSL	259°, 29%, 35%
HSV	259°, 45%, 45%
XYZ	8.0392, 6.4322, 16.7374
YIQ	73.5980, -6.8350, 19.2530

Conversions

Conversions Part 2

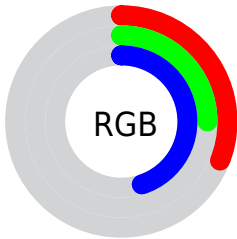
Format	Color
R_{YB}	79, 63, 114
Decimal	5193586
CIE _{Lab}	30.48, 19.15, -27.00
CIE _{LCh}	30, 33.102, 305.337
Yxy	6.4322, 0.2576, 0.2061
Android (android.graphics.Color)	4283383666 (0xFF4F3F72)
YUV	73.5980, 19.9182, 4.7376
Hunter-Lab	25.3617, 12.1982, -21.3750

Details

The Decimal color **5193586** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6451775**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **8548262**, and **2036802** is the 20% darker color. If you saturate the color by 10%, you get **4666482**, and if you desaturate by 10%, it is **5720690**.

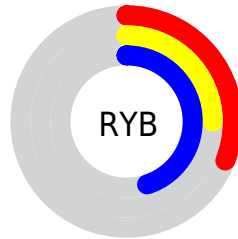
Distribution



Red (31%)

Green (25%)

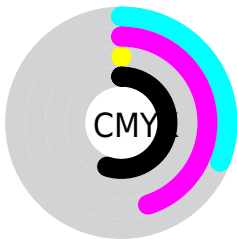
Blue (45%)



Red (31%)

Yellow (25%)

Blue (45%)

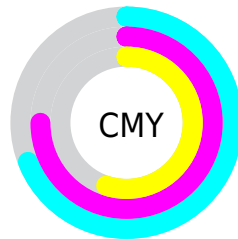


Cyan (31%)

Magenta (45%)

Yellow (0%)

Black (55%)



Cyan (69%)

Magenta (75%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5193586 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 5193586 by changing the saturation by 10% instead.

■ 5193586

■ 5193586

16777215

■ 3615065

■ 8548262

■ 2036802

■ 10258625

■ 917547

■ 12035037

■ 278

■ 13876986

■ 0

■ 15784703

■ 16774911

■ 5193586

■ 5193586

■ 4666482

■ 5720690

■ 4139122

■ 6248050

■ 3677554

■ 6709618

■ 3150194

■ 7236978

■ 2623090

■ 7764082

■ 2359410

■ 8291186

■ 8818546

■ 9345650

■ 9807474

Harmonies

Analogous

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



1722747



5193586



7026014

Triad

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



5193586



6766360



21580

Complementary

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



5193586



6451775

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.



676657



5193586



5326864

Square

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



5193586



7615787



3559195



21605

Rectangle

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



5193586



7614797



3559195



21571

Sweetspot

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



5193586



8880532



4154226



4341322



13224393



4868682

Same Dimension

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



5193586



6112404



6831986



3420728



2490488



5112055

Inverse Universe

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



7487330



9716859



4813375



3682870



7864402



16187562

Previews

White Background



This preview shows how the Decimal color 5193586 looks on a white background.

Color Contrast Check

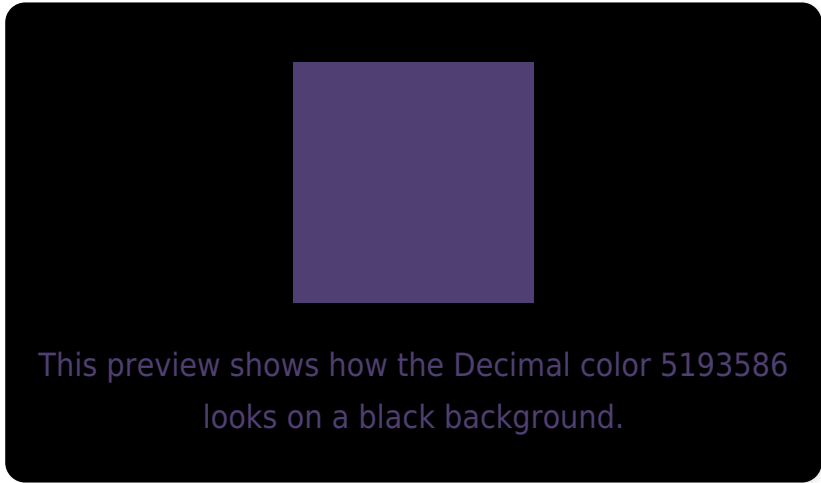
Large Text (above 18pt) WCAG AA ✓ Pass

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

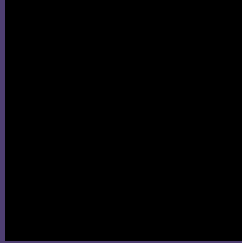
Any Text WCAG AA × Fail

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 5193586 Background



This preview shows how black text looks on a background with the Decimal color 5193586.



This preview shows how white text looks on a background with the Decimal color 5193586.

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
5193586

Protanopia
3360377

Deuteranopia
3360880



Tritanopia
4736845

Trichromacy



Original Color
5193586

Protanomaly
4014966

Deuteranomaly
4015473

Tritanomaly
4932698

Monochromacy



Original Color
5193586

Achromatopsia
4868682

Achromatomaly
4998745

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5193586 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 #4F3F72 looks like.

```
.text, #text, p{  
    color:#4F3F72  
}
```

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 #4F3F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3F72
}
```

Border

The CSS property to change the border of an element to Decimal 5193586 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
#4F3F72 }
```

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

```
.border{ border-color:#4F3F72 }
```

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

Here you see how a box with a 4 pixel #4F3F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3F72; -webkit-box-shadow:4px 4px  
4px 4px #4F3F72; box-shadow:4px 4px 4px  
4px #4F3F72 }
```

Background

The CSS property to change the background color of an element to Decimal 5193586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3F72 }
```

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

```
.background{ background-color:#4F3F72 }
```

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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