

Converting Colors

Decimal(5195116)

Have a look what the booklet for
Decimal(5195116) contains.

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Color

Decimal(5195116)

Conversions

Conversions Part 1

Format	Color
Hex	4F456C
RGB	79, 69, 108
RGB Percent	31%, 27%, 42%
CMY	0.6902, 0.7294, 0.5765
CMYK	0.27, 0.36, 0.00, 0.58
HSL	255°, 22%, 35%
HSV	255°, 36%, 42%
XYZ	8.0593, 7.0012, 15.1140
YIQ	76.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

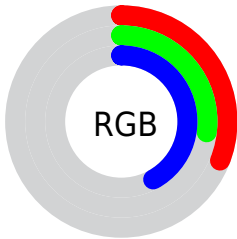
Format	Color
R_{YB}	79, 69, 108
Decimal	5195116
CIE _{Lab}	31.81, 13.59, -21.12
CIE _{LCh}	32, 25.116, 302.749
Yxy	7.0012, 0.2671, 0.2320
Android (android.graphics.Color)	4283385196 (0xFF4F456C)
YUV	76.4360, 15.5611, 2.2486
Hunter-Lab	26.4598, 8.0643, -15.3448

Details

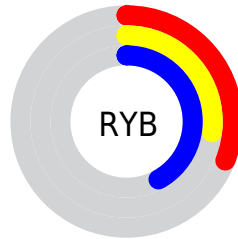
The Decimal color **5195116** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6450245**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **8484256**, and **2169404** is the 20% darker color. If you saturate the color by 10%, you get **4668012**, and if you desaturate by 10%, it is **5722220**.

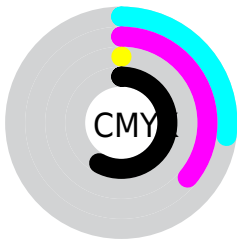
Distribution



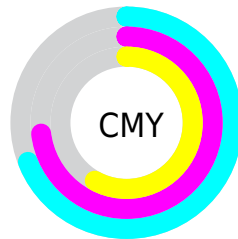
- Red (31%)
- Green (27%)
- Blue (42%)



- Red (31%)
- Yellow (27%)
- Blue (42%)



- Cyan (27%)
- Magenta (36%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5195116 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 5195116 by changing the saturation by 10% instead.

■ 5195116

■ 5195116

16777215

■ 3616596

■ 8484256

■ 2169404

■ 10194875

■ 917543

■ 11971030

■ 272

■ 13813235

■ 0

■ 15720959

16776703

■ 5195116

■ 5195116

■ 4668012

■ 5722220

■ 4140908

■ 6249324

■ 3614060

■ 6776172

■ 3086956

■ 7303276

■ 2559852

■ 7830380

■ 2032748

■ 8357484

■ 1835116

■ 8884588

■ 9411436

■ 9938540

Harmonies

Analogous

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



3034226



5195116



6635101

Triad

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



5195116



6636328



21836

Complementary

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



5195116



6450245

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.



2643000



5195116



5589539

Square

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



5195116



7290167



4280361



21600

Rectangle

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



5195116



7158608



4280361



1070405

Sweetspot

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



5195116



8486284



4547180



4210247



13092807



4671303

Same Dimension

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



5195116



6246540



6440300



3289142



1966197



4129013

Inverse Universe

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



7095650



9195645



5205061



3551284



7667799



16056502

Previews

White Background



This preview shows how the Decimal color 5195116 looks on a white background.

Color Contrast Check

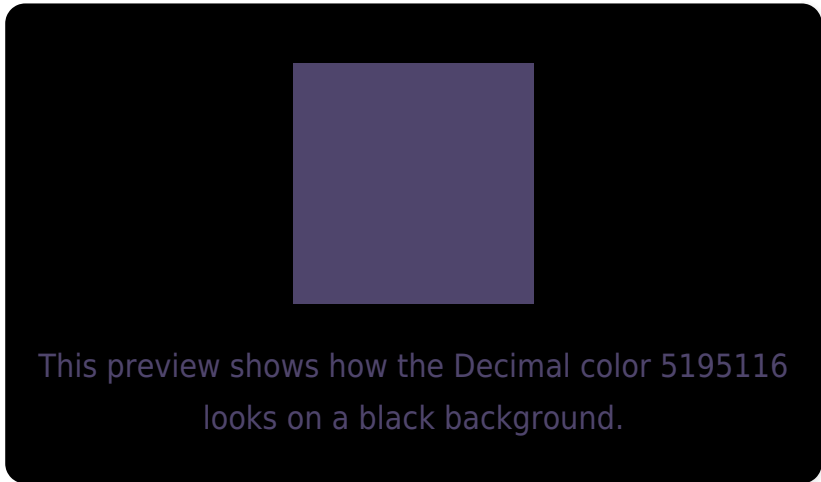
Large Text (above 18pt) WCAG AA ✓ Pass

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

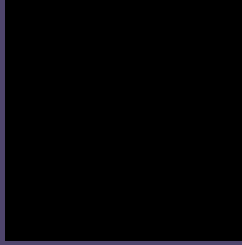
Any Text WCAG AA × Fail

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 5195116 Background



This preview shows how black text looks on a background with the Decimal color 5195116.

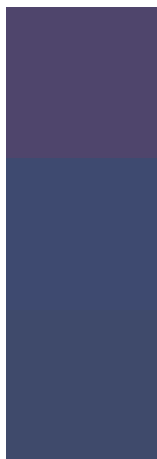


This preview shows how white text looks on a background with the Decimal color 5195116.

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
5195116

Protanopia
4082288

Deuteranopia
4147819

Trichromacy



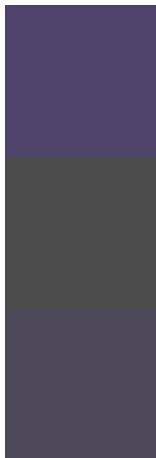
Original Color
5195116

Protanomaly
4474991

Deuteranomaly
4540523

Tritanomaly
4999515

Monochromacy



Original Color
5195116

Achromatopsia
5000268

Achromatomaly
5065048

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5195116 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 #4F456C looks like.

```
.text, #text, p{  
  color:#4F456C  
}
```

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 #4F456C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F456C
}
```

Border

The CSS property to change the border of an element to Decimal 5195116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

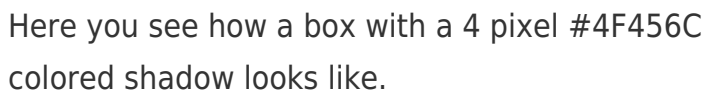
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F456C }
```

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

```
.border{ border-color:#4F456C }
```

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



Here you see how a box with a 4 pixel #4F456C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F456C; -webkit-box-shadow:4px 4px  
4px 4px #4F456C; box-shadow:4px 4px 4px  
4px #4F456C }
```

Background

The CSS property to change the background color of an element to Decimal 5195116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F456C }
```

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

```
.background{ background-color:#4F456C }
```

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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