

Converting Colors

Decimal(5138842)

Have a look what the booklet for
Decimal(5138842) contains.

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Color

Decimal(5138842)

Conversions

Conversions Part 1

Format	Color
Hex	4E699A
RGB	78, 105, 154
RGB Percent	31%, 41%, 60%
CMY	0.6941, 0.5882, 0.3961
CMYK	0.49, 0.32, 0.00, 0.40
HSL	219°, 33%, 45%
HSV	219°, 49%, 60%
XYZ	14.0262, 14.0559, 32.5457
YIQ	102.5130, -31.8210, 9.5150

Conversions

Conversions Part 2

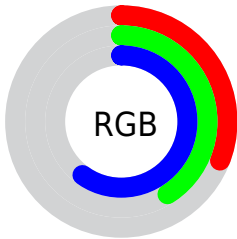
Format	Color
RYB	78, 98, 154
Decimal	5138842
CIELab	44.31, 4.25, -29.74
CIELCh	44, 30.038, 278.139
Yxy	14.0559, 0.2313, 0.2318
Android (android.graphics.Color)	4283328922 (0xFF4E699A)
YUV	102.5130, 25.3831, -21.4979
Hunter-Lab	37.4913, 1.1705, -25.2250

Details

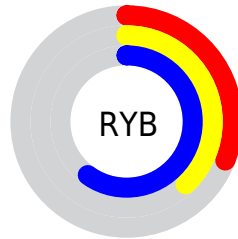
The Decimal color **5138842** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10125134**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **8625361**, and **1456743** is the 20% darker color. If you saturate the color by 10%, you get **4153242**, and if you desaturate by 10%, it is **6124442**.

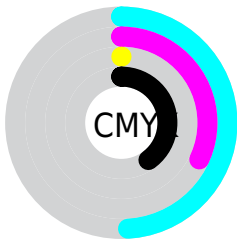
Distribution



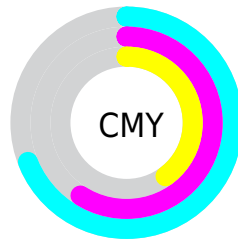
- Red (31%)
- Green (41%)
- Blue (60%)



- Red (31%)
- Yellow (38%)
- Blue (60%)



- Cyan (49%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5138842 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 5138842 by changing the saturation by 10% instead.

■ 5138842

■ 5138842

16777215

■ 3428736

■ 8625361

■ 1456743

■ 10401773

■ 9550

■ 12243711

■ 4151

■ 14151679

■ 545

■ 16056319

■ 7

■ 0

■ 5138842

■ 5138842

■ 4153242

■ 6124442

■ 3102106

■ 7175578

■ 2116506

■ 8161178

■ 1065370

■ 9212314

■ 79770

■ 10197914

■ 14234

■ 11183514

■ 12234650

■ 13219994

■ 14271130

Harmonies

Analogous

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



1405079



5138842



7626896

Triad

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



5138842



9853259



3634261

Complementary

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



5138842



10125134

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.



5730368



5138842



8937787

Square

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



5138842



9983331



7498294



30319

Rectangle

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



5138842



8870531



7498294



4354894

Sweetspot

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



5138842



11253449



5151358



5528166



15132390



6710886

Same Dimension

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



5138842



5471689



5787290



4540493



12940



1293

Inverse Universe

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



10112617



13194109



9476686



5064008



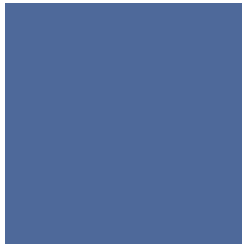
9175090



851973

Previews

White Background



This preview shows how the Decimal color 5138842 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



This preview shows how the Decimal color 5138842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

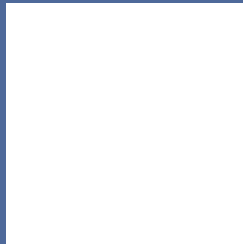
Any Text WCAG AAA × Fail

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

Decimal 5138842 Background



This preview shows how black text looks on a background with the Decimal color 5138842.

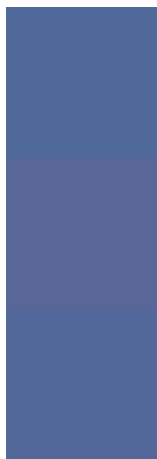


This preview shows how white text looks on a background with the Decimal color 5138842.

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


5138842

Protanopia

5793688

Deuteranopia

5466266



Tritanopia
4419705

Trichromacy



Original Color
5138842

Protanomaly
5531801

Deuteranomaly
5335194

Tritanomaly
4681093

Monochromacy



Original Color
5138842

Achromatopsia
6776679

Achromatomaly
6187130

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5138842 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 #4E699A looks like.

```
.text, #text, p{  
    color:#4E699A  
}
```

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 #4E699A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E699A
}
```

Border

The CSS property to change the border of an element to Decimal 5138842 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
#4E699A }
```

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

```
.border{ border-color:#4E699A }
```

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

Here you see how a box with a 4 pixel #4E699A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E699A; -webkit-box-shadow:4px 4px  
4px 4px #4E699A; box-shadow:4px 4px 4px  
4px #4E699A }
```

Background

The CSS property to change the background color of an element to Decimal 5138842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E699A }
```

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

```
.background{ background-color:#4E699A }
```

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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