

Converting Colors

Decimal(5137802)

Have a look what the booklet for
Decimal(5137802) contains.

Decimal(5137802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5137802)

Conversions

Conversions Part 1

Format	Color
Hex	4E658A
RGB	78, 101, 138
RGB Percent	31%, 40%, 54%
CMY	0.6941, 0.6039, 0.4588
CMYK	0.43, 0.27, 0.00, 0.46
HSL	217°, 28%, 42%
HSV	217°, 43%, 54%
XYZ	12.3830, 12.7620, 25.8554
YIQ	98.3410, -25.5850, 6.6310

Conversions

Conversions Part 2

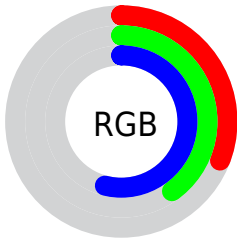
Format	Color
R_{YB}	78, 95, 138
Decimal	5137802
CIE Lab	42.40, 1.74, -23.16
CIE LCh	42, 23.221, 274.294
Yxy	12.7620, 0.2428, 0.2502
Android (android.graphics.Color)	4283327882 (0xFF4E658A)
YUV	98.3410, 19.5519, -17.8391
Hunter-Lab	35.7240, -0.6435, -17.9046

Details

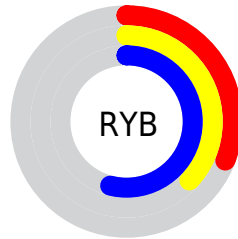
The Decimal color **5137802** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9073486**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8558784**, and **1783640** is the 20% darker color. If you saturate the color by 10%, you get **4217994**, and if you desaturate by 10%, it is **6057610**.

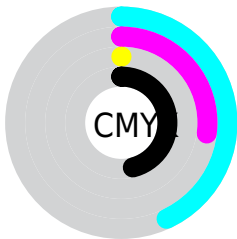
Distribution



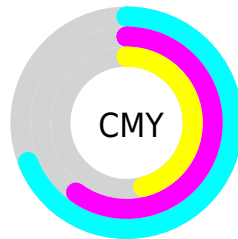
- Red (31%)
- Green (40%)
- Blue (54%)



- Red (31%)
- Yellow (37%)
- Blue (54%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5137802 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 5137802 by changing the saturation by 10% instead.

■ 5137802

■ 5137802

16777215

■ 3493232

■ 8558784

■ 1783640

■ 10269404

■ 8512

■ 12111608

■ 2602

■ 13953791

■ 277

■ 15859711

■ 0

■ 5137802

■ 5137802

■ 4217994

■ 6057610

■ 3298442

■ 6977162

■ 2444170

■ 7831434

■ 1524618

■ 8750986

■ 604810

■ 9670794

■ 13706

■ 10590346

■ 11510154

■ 12364170

■ 13283978

Harmonies

Analogous

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



3172998



5137802



6971012

Triad

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



5137802



8935503



4418899

Complementary

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



5137802



9073486

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.



5925188



5137802



8346946

Square

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



5137802



9000290



7234622



2912102

Rectangle

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



5137802



7953019



7234622



4942925

Sweetspot

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



5137802



10200243



5147251



4935769



14277081



5855577

Same Dimension

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



5137802



5667251



5590666



4079941



13189



517

Inverse Universe

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



9064037



11753081



8620622



4537921



8716339



327682

Previews

White Background



This preview shows how the Decimal color 5137802 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 5137802 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 5137802 Background



This preview shows how black text looks on a background with the Decimal color 5137802.

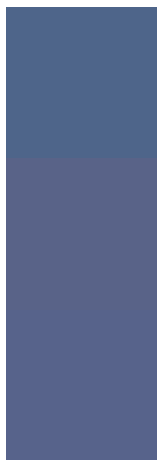


This preview shows how white text looks on a background with the Decimal color 5137802.

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
5137802

Protanopia
5858184

Deuteranopia
5727115



Tritanopia
4680050

Trichromacy



Original Color
5137802

Protanomaly
5596297

Deuteranomaly
5530763

Tritanomaly
4876411

Monochromacy



Original Color
5137802

Achromatopsia
6447714

Achromatomaly
5989233

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5137802 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 #4E658A looks like.

```
.text, #text, p{  
  color:#4E658A  
}
```

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 #4E658A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E658A
}
```

Border

The CSS property to change the border of an element to Decimal 5137802 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
#4E658A }
```

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

```
.border{ border-color:#4E658A }
```

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

Here you see how a box with a 4 pixel #4E658A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E658A; -webkit-box-shadow:4px 4px  
4px 4px #4E658A; box-shadow:4px 4px 4px  
4px #4E658A }
```

Background

The CSS property to change the background color of an element to Decimal 5137802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E658A }
```

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

```
.background{ background-color:#4E658A }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor