

Converting Colors

Decimal(5072536)

Have a look what the booklet for
Decimal(5072536) contains.

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Color

Decimal(5072536)

Conversions

Conversions Part 1

Format	Color
Hex	4D6698
RGB	77, 102, 152
RGB Percent	30%, 40%, 60%
CMY	0.6980, 0.6000, 0.4039
CMYK	0.49, 0.33, 0.00, 0.40
HSL	220°, 33%, 45%
HSV	220°, 49%, 60%
XYZ	13.4794, 13.3475, 31.5716
YIQ	100.2250, -30.9500, 10.2500

Conversions

Conversions Part 2

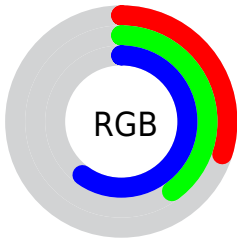
Format	Color
RYB	77, 96, 152
Decimal	5072536
CIELab	43.28, 5.22, -30.17
CIELCh	43, 30.613, 279.812
Yxy	13.3475, 0.2308, 0.2286
Android (android.graphics.Color)	4283262616 (0xFF4D6698)
YUV	100.2250, 25.5251, -20.3683
Hunter-Lab	36.5343, 1.9232, -25.6624

Details

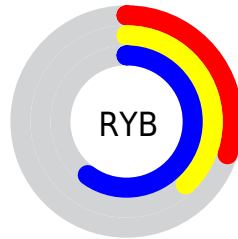
The Decimal color **5072536** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9994061**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **8559055**, and **1390693** is the 20% darker color. If you saturate the color by 10%, you get **4086936**, and if you desaturate by 10%, it is **6058136**.

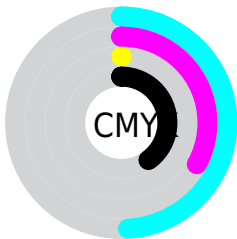
Distribution



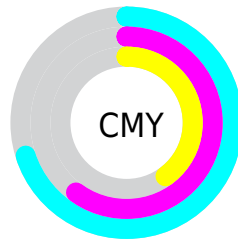
- Red (30%)
- Green (40%)
- Blue (60%)



- Red (30%)
- Yellow (38%)
- Blue (60%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5072536 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 5072536 by changing the saturation by 10% instead.

■ 5072536

■ 5072536

16777215

■ 3362430

■ 8559055

■ 1390693

■ 10335211

■ 9036

■ 12177407

■ 3125

■ 14019583

■ 544

■ 15925247

■ 3

■ 0

■ 5072536

■ 5072536

■ 4086936

■ 6058136

■ 3101336

■ 7043736

■ 2050200

■ 8094872

■ 1064344

■ 9080728

■ 78744

■ 10066328

■ 13208

■ 11051928

■ 12037528

■ 13088664

■ 14074264

Harmonies

Analogous

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



1011349



5072536



7625869

Triad

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



5072536



9655879



3174996

Complementary

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



5072536



9994061

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.



5402174



5072536



8675127

Square

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



5072536



9917023



7235379



29806

Rectangle

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



5072536



8804224



7235379



4026700

Sweetspot

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



5072536



10990020



5085311



5396579



14935011



6513507

Same Dimension

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



5072536



5339076



5852568



4540237



12172



1037

Inverse Universe

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



9981286



12865911



9148493



5064007



9175087



851972

Previews

White Background



This preview shows how the Decimal color 5072536 looks on a white background.

Color Contrast Check

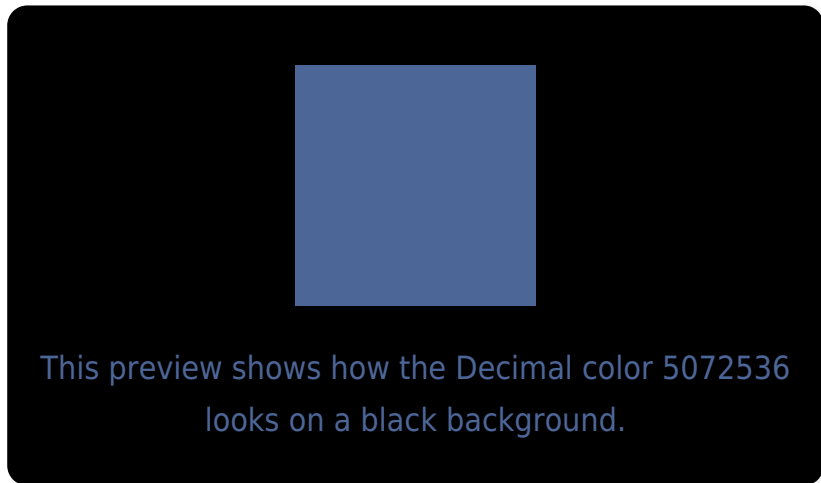
Large Text (above 18pt) WCAG AA ✓ Pass

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

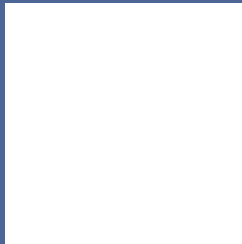
Any Text WCAG AAA × Fail

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

Decimal 5072536 Background



This preview shows how black text looks on a background with the Decimal color 5072536.



This preview shows how white text looks on a background with the Decimal color 5072536.

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
5072536

Protanopia
5596311

Deuteranopia
5203352



Tritanopia
4353398

Trichromacy



Original Color
5072536

Protanomaly
5399959

Deuteranomaly
5137816

Tritanomaly
4614786

Monochromacy



Original Color
5072536

Achromatopsia
6579300

Achromatomaly
6055287

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5072536 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 #4D6698 looks like.

```
.text, #text, p{  
    color:#4D6698  
}
```

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 #4D6698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6698
}
```

Border

The CSS property to change the border of an element to Decimal 5072536 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
#4D6698 }
```

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

```
.border{ border-color:#4D6698 }
```

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

Here you see how a box with a 4 pixel #4D6698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6698; -webkit-box-shadow:4px 4px  
4px 4px #4D6698; box-shadow:4px 4px 4px  
4px #4D6698 }
```

Background

The CSS property to change the background color of an element to Decimal 5072536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6698 }
```

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

```
.background{ background-color:#4D6698 }
```

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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