

Converting Colors

Decimal(5786230)

Have a look what the booklet for
Decimal(5786230) contains.

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Color

Decimal(5786230)

Conversions

Conversions Part 1

Format	Color
Hex	584A76
RGB	88, 74, 118
RGB Percent	35%, 29%, 46%
CMY	0.6549, 0.7098, 0.5373
CMYK	0.25, 0.37, 0.00, 0.54
HSL	259°, 23%, 38%
HSV	259°, 37%, 46%
XYZ	9.7433, 8.2803, 18.2243
YIQ	83.2020, -5.7800, 16.6520

Conversions

Conversions Part 2

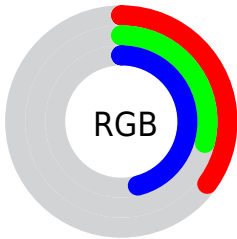
Format	Color
R_{YB}	88, 74, 118
Decimal	5786230
CIE Lab	34.56, 16.07, -23.05
CIE LCh	35, 28.100, 304.894
Yxy	8.2803, 0.2688, 0.2284
Android (android.graphics.Color)	4283976310 (0xFF584A76)
YUV	83.2020, 17.1554, 4.2078
Hunter-Lab	28.7755, 10.0826, -17.4071

Details

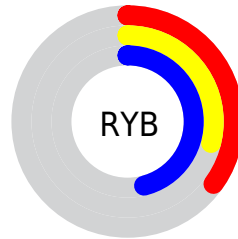
The Decimal color **5786230** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6846026**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **9141162**, and **2694725** is the 20% darker color. If you saturate the color by 10%, you get **5258870**, and if you desaturate by 10%, it is **6313590**.

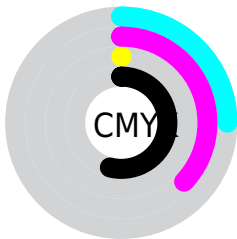
Distribution



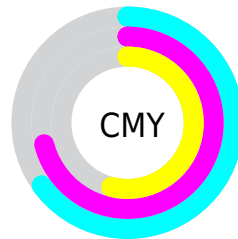
- Red (35%)
- Green (29%)
- Blue (46%)



- Red (35%)
- Yellow (29%)
- Blue (46%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5786230 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 5786230 by changing the saturation by 10% instead.

■ 5786230

■ 5786230

16777215

■ 4207453

■ 9141162

■ 2694725

■ 10851782

■ 1312559

■ 12693474

■ 282

■ 14535679

■ 0

■ 16443391

■ 5786230

■ 5786230

■ 5258870

■ 6313590

■ 4731510

■ 6840950

■ 4204406

■ 7368054

■ 3677046

■ 7895414

■ 3149686

■ 8422774

■ 2622326

■ 8950134

■ 2490486

■ 9477494

■ 10004598

■ 10531958

Harmonies

Analogous

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



3363454



5786230



7357029

Triad

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



5786230



7227689



23892

Complementary

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



5786230



6846026

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.



2513726



5786230



5984547

Square

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



5786230



8012345



4478763



23658

Rectangle

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



5786230



7946070



4478763



89421

Sweetspot

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



5786230



9341081



4876406



4604749



13421772



5066061

Same Dimension

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



5786230



6968473



7228022



3618107



2556026



5243130

Inverse Universe

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



7752296



10048643



5404234



3880249



7995475



16384170

Previews

White Background



This preview shows how the Decimal color 5786230 looks on a white background.

Color Contrast Check

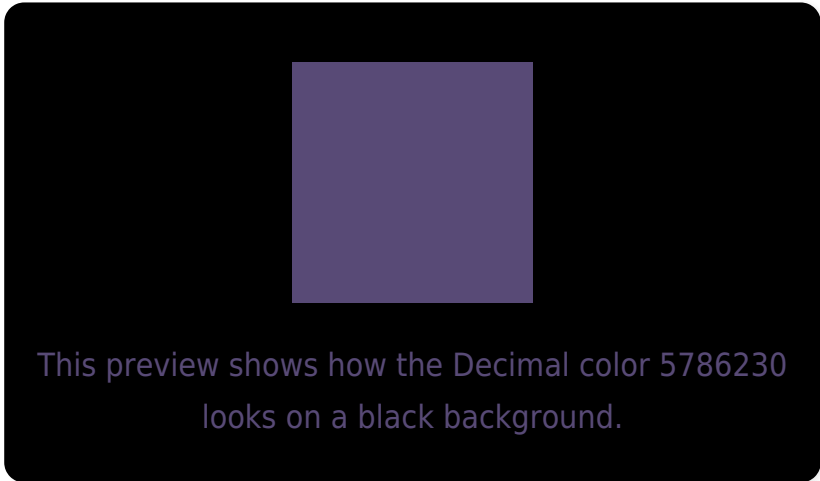
Large Text (above 18pt) WCAG AA ✓ Pass

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

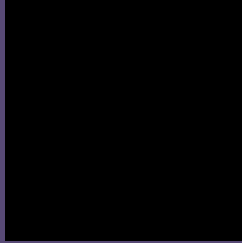
Any Text WCAG AA × Fail

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 5786230 Background



This preview shows how black text looks on a background with the Decimal color 5786230.



This preview shows how white text looks on a background with the Decimal color 5786230.

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
5786230

Protanopia
4345979

Deuteranopia
4477301



Tritanopia
5394519

Trichromacy



Original Color
5786230

Protanomaly
4869753

Deuteranomaly
4935285

Tritanomaly
5525090

Monochromacy



Original Color
5786230

Achromatopsia
5460819

Achromatomaly
5591136

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5786230 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 #584A76 looks like.

```
.text, #text, p{  
  color:#584A76  
}
```

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 #584A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584A76
}
```

Border

The CSS property to change the border of an element to Decimal 5786230 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
#584A76 }
```

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

```
.border{ border-color:#584A76 }
```

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

Here you see how a box with a 4 pixel #584A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584A76; -webkit-box-shadow:4px 4px  
4px 4px #584A76; box-shadow:4px 4px 4px  
4px #584A76 }
```

Background

The CSS property to change the background color of an element to Decimal 5786230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584A76 }
```

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

```
.background{ background-color:#584A76 }
```

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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