

Converting Colors

Decimal(5776736)

Have a look what the booklet for
Decimal(5776736) contains.

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Color

Decimal(5776736)

Conversions

Conversions Part 1

Format	Color
Hex	582560
RGB	88, 37, 96
RGB Percent	35%, 15%, 38%
CMY	0.6549, 0.8549, 0.6235
CMYK	0.08, 0.61, 0.00, 0.62
HSL	292°, 44%, 26%
HSV	292°, 61%, 38%
XYZ	6.7974, 4.2424, 11.5269
YIQ	58.9750, 11.4570, 29.1610

Conversions

Conversions Part 2

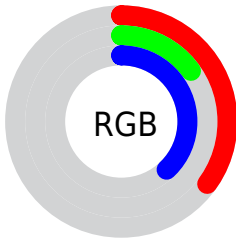
Format	Color
RYB	88, 37, 96
Decimal	5776736
CIELab	24.46, 33.16, -24.86
CIELCh	24, 41.441, 323.140
Yxy	4.2424, 0.3012, 0.1880
Android (android.graphics.Color)	4283966816 (0xFF582560)
YUV	58.9750, 18.2533, 25.4549
Hunter-Lab	20.5970, 22.8635, -18.7632

Details

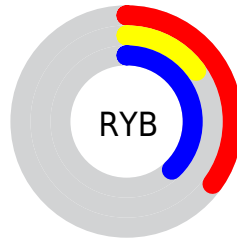
The Decimal color **5776736** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2973733**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **9196947**, and **2621489** is the 20% darker color. If you saturate the color by 10%, you get **5708640**, and if you desaturate by 10%, it is **5844832**.

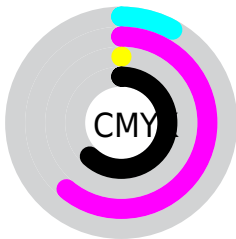
Distribution



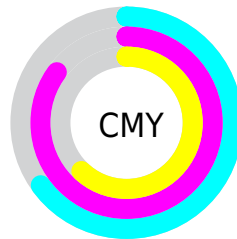
- Red (35%)
- Green (15%)
- Blue (38%)



- Red (35%)
- Yellow (15%)
- Blue (38%)



- Cyan (8%)
- Magenta (61%)
- Yellow (0%)
- Black (62%)



- Cyan (65%)
- Magenta (85%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5776736 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 5776736 by changing the saturation by 10% instead.

■ 5776736

■ 5776736

16777215

■ 4131912

■ 9196947

■ 2621489

■ 10972846

■ 458780

■ 12749001

■ 0

■ 14656485

■ 16563967

■ 16767743

■ 16775167

■ 5776736

■ 5776736

■ 5708640

■ 5844832

■ 5575264

■ 5978208

■ 5507168

■ 6046304

■ 5439584

■ 6114144

■ 6247776

■ 6315872

■ 6383712

■ 6451808

■ 6585184

Harmonies

Analogous

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



2569588



5776736



7149123

Triad

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



5776736



5125632



18514

Complementary

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



5776736



2973733

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.



18226



5776736



3227648

Square

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



5776736



6563844



17681



18028

Rectangle

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



5776736



7411246



17681



18503

Sweetspot

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



5776736



8021629



2436704



4076096



12566463



4210752

Same Dimension

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



5776736



7348349



6301003



3157040



6357104



13566192

Inverse Universe

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



6300973



8200237



2449466



3157036



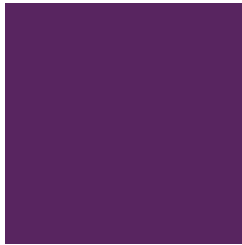
7340047



15728673

Previews

White Background



This preview shows how the Decimal color 5776736 looks on a white background.

Color Contrast Check

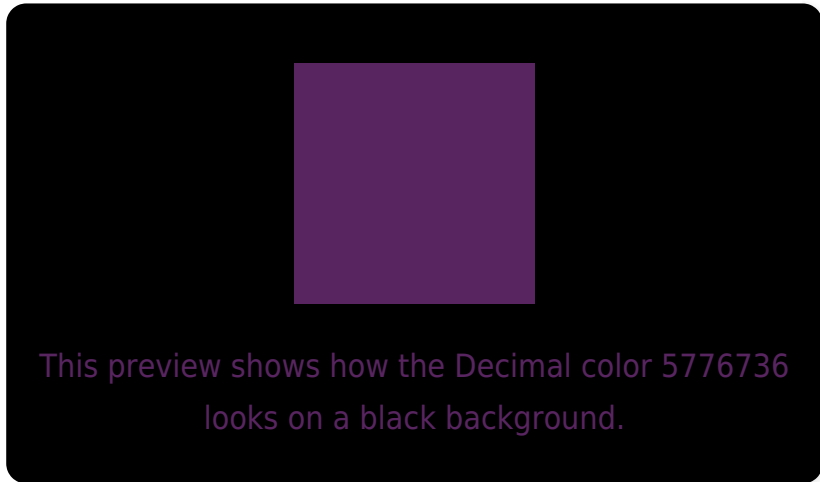
Large Text (above 18pt) WCAG AA ✓ Pass

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

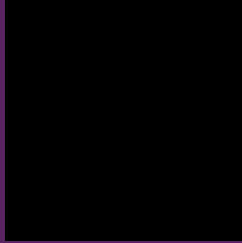
Any Text WCAG AA × Fail

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 5776736 Background



This preview shows how black text looks on a background with the Decimal color 5776736.



This preview shows how white text looks on a background with the Decimal color 5776736.

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
5776736

Protanopia
1587571

Deuteranopia
2702172



Tritanopia
5386549

Trichromacy



Original Color

5776736

Protanomaly

3093100

Deuteranomaly

3814237

Tritanomaly

5516613

Monochromacy



Original Color

5776736

Achromatopsia

3881787

Achromatomaly

4600648

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5776736 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 #582560 looks like.

```
.text, #text, p{  
    color:#582560  
}
```

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 #582560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582560
}
```

Border

The CSS property to change the border of an element to Decimal 5776736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

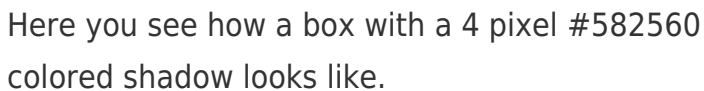
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#582560 }
```

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

```
.border{ border-color:#582560 }
```

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



Here you see how a box with a 4 pixel #582560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582560; -webkit-box-shadow:4px 4px  
4px 4px #582560; box-shadow:4px 4px 4px  
4px #582560 }
```

Background

The CSS property to change the background color of an element to Decimal 5776736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582560 }
```

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

```
.background{ background-color:#582560 }
```

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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