

Converting Colors

Decimal(5596046)

Have a look what the booklet for
Decimal(5596046) contains.

Decimal(5596046)	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(5596046)

Conversions

Conversions Part 1

Format	Color
Hex	55638E
RGB	85, 99, 142
RGB Percent	33%, 39%, 56%
CMY	0.6667, 0.6118, 0.4431
CMYK	0.40, 0.30, 0.00, 0.44
HSL	225°, 25%, 45%
HSV	225°, 40%, 56%
XYZ	13.0906, 12.8080, 27.3734
YIQ	99.7160, -22.1470, 10.4050

Conversions

Conversions Part 2

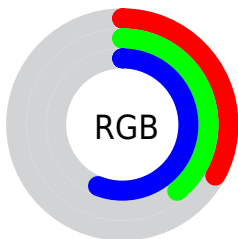
Format	Color
R_{YB}	85, 96, 142
Decimal	5596046
CIE _{Lab}	42.47, 6.18, -25.41
CIE _{LCh}	42, 26.152, 283.660
Yxy	12.8080, 0.2457, 0.2404
Android (android.graphics.Color)	4283786126 (0xFF55638E)
YUV	99.7160, 20.8460, -12.9059
Hunter-Lab	35.7882, 2.6624, -20.2975

Details

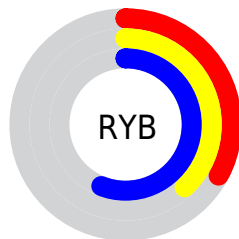
The Decimal color **5596046** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9338965**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **9017028**, and **2307419** is the 20% darker color. If you saturate the color by 10%, you get **4675726**, and if you desaturate by 10%, it is **6516366**.

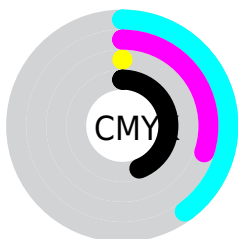
Distribution



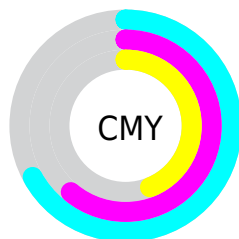
- Red (33%)
- Green (39%)
- Blue (56%)



- Red (33%)
- Yellow (38%)
- Blue (56%)



- Cyan (40%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5596046 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 5596046 by changing the saturation by 10% instead.

■ 5596046

■ 5596046

16777215

■ 3951476

■ 9017028

■ 2307419

■ 10793184

■ 467012

■ 12569853

■ 1837

■ 14477567

■ 280

■ 16318463

■ 0

■ 5596046

■ 5596046

■ 4675726

■ 6516366

■ 3755662

■ 7436430

■ 2769806

■ 8422286

■ 1849486

■ 9342606

■ 929166

■ 10262926

■ 9102

■ 11182990

■ 12103310

■ 13089166

■ 14009230

Harmonies

Analogous

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



3107469



5596046



7560068

Triad

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



5596046



9066567



3501911

Complementary

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



5596046



9338965

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.



5336132



5596046



8216379

Square

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



5596046



9327707



6907450



1339502

Rectangle

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



5596046



8542072



6907450



4157008

Sweetspot

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



5596046



10659768



5607040



5198428



14408667



6052956

Same Dimension

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



5596046



6256056



6509966



4211271



8583



520

Inverse Universe

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



9327971



12083061



8425045



4669506



8847393



524290

Previews

White Background



This preview shows how the Decimal color 5596046 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 5596046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

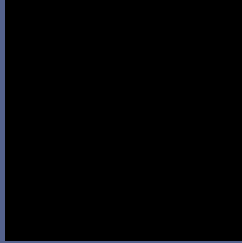
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

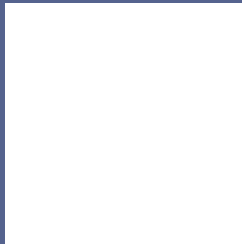
Any Text WCAG AAA × Fail

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

Decimal 5596046 Background



This preview shows how black text looks on a background with the Decimal color 5596046.



This preview shows how white text looks on a background with the Decimal color 5596046.

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
5596046

Protanopia
5727118

Deuteranopia
5596046



Tritanopia
5138801

Trichromacy



Original Color
5596046

Protanomaly
5661582

Deuteranomaly
5596046

Tritanomaly
5334908

Monochromacy



Original Color
5596046

Achromatopsia
6579300

Achromatomaly
6251635

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5596046 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 #55638E looks like.

```
.text, #text, p{  
    color:#55638E  
}
```

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 #55638E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55638E
}
```

Border

The CSS property to change the border of an element to Decimal 5596046 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
#55638E }
```

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

```
.border{ border-color:#55638E }
```

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

Here you see how a box with a 4 pixel #55638E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55638E; -webkit-box-shadow:4px 4px  
4px 4px #55638E; box-shadow:4px 4px 4px  
4px #55638E }
```

Background

The CSS property to change the background color of an element to Decimal 5596046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55638E }
```

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

```
.background{ background-color:#55638E }
```

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