

Converting Colors

Decimal(5598616)

Have a look what the booklet for
Decimal(5598616) contains.

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Color

Decimal(5598616)

Conversions

Conversions Part 1

Format	Color
Hex	556D98
RGB	85, 109, 152
RGB Percent	33%, 43%, 60%
CMY	0.6667, 0.5725, 0.4039
CMYK	0.44, 0.28, 0.00, 0.40
HSL	219°, 28%, 46%
HSV	219°, 44%, 60%
XYZ	14.8824, 15.1356, 31.8428
YIQ	106.7260, -28.1070, 8.2850

Conversions

Conversions Part 2

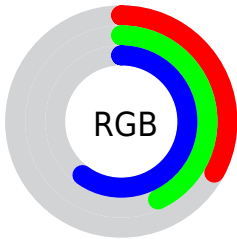
Format	Color
R_{YB}	85, 103, 152
Decimal	5598616
CIE _{Lab}	45.82, 3.03, -26.17
CIE _{LCh}	46, 26.344, 276.607
Yxy	15.1356, 0.2406, 0.2447
Android (android.graphics.Color)	4283788696 (0xFF556D98)
YUV	106.7260, 22.3201, -19.0537
Hunter-Lab	38.9045, 0.2003, -21.2950

Details

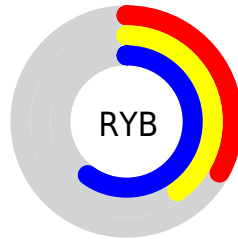
The Decimal color **5598616** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9994325**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **9019598**, and **2178661** is the 20% darker color. If you saturate the color by 10%, you get **4613016**, and if you desaturate by 10%, it is **6584216**.

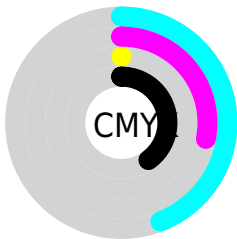
Distribution



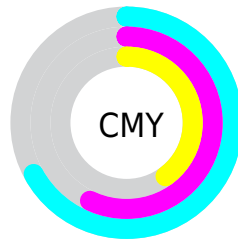
- Red (33%)
- Green (43%)
- Blue (60%)



- Red (33%)
- Yellow (40%)
- Blue (60%)



- Cyan (44%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5598616 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 5598616 by changing the saturation by 10% instead.

■ 5598616

■ 5598616

16777215

■ 3888510

■ 9019598

■ 2178661

■ 10861547

■ 10317

■ 12638207

■ 5174

■ 14545919

■ 544

■ 16449535

■ 4

■ 0

■ 5598616

■ 5598616

■ 4613016

■ 6584216

■ 3627416

■ 7569816

■ 2576536

■ 8620696

■ 1590936

■ 9606296

■ 605336

■ 10591896

■ 13976

■ 11577496

■ 12562840

■ 13613976

■ 14599576

Harmonies

Analogous

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



3175316



5598616



7693712

Triad

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



5598616



9789011



4487002

Complementary

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



5598616



9994325

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.



6255432



5598616



9069892

Square

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



5598616



9919336



7761216



2586737

Rectangle

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



5598616



8806533



7761216



5076564

Sweetspot

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



5598616



11252932



5609599



5527907



14935011



6513507

Same Dimension

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



5598616



6062788



6182296



4540493



12940



1293

Inverse Universe

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



9983341



12868738



9410645



5064008



9175090



851973

Previews

White Background



This preview shows how the Decimal color 5598616 looks on a white background.

Color Contrast Check

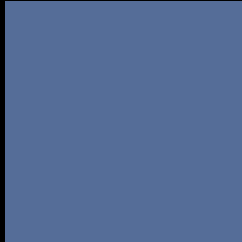
Large Text (above 18pt) WCAG AA ✓ Pass

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 5598616 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

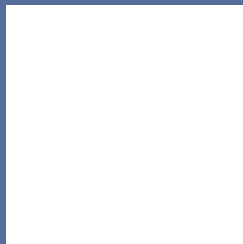
Any Text WCAG AAA × Fail

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

Decimal 5598616 Background



This preview shows how black text looks on a background with the Decimal color 5598616.

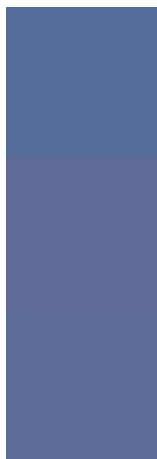


This preview shows how white text looks on a background with the Decimal color 5598616.

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

5598616

Protanopia

6253462

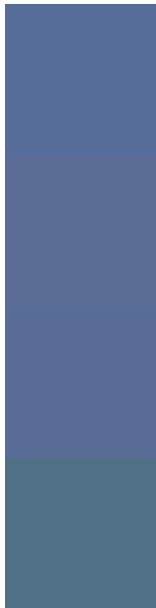
Deuteranopia

6056856



Tritanopia
5075580

Trichromacy



Original Color
5598616

Protanomaly
5991575

Deuteranomaly
5860504

Tritanomaly
5271686

Monochromacy



Original Color
5598616

Achromatopsia
7039851

Achromatomaly
6515835

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5598616 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 #556D98 looks like.

```
.text, #text, p{  
    color:#556D98  
}
```

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 #556D98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556D98
}
```

Border

The CSS property to change the border of an element to Decimal 5598616 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
#556D98 }
```

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

```
.border{ border-color:#556D98 }
```

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

Here you see how a box with a 4 pixel #556D98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556D98; -webkit-box-shadow:4px 4px  
4px 4px #556D98; box-shadow:4px 4px 4px  
4px #556D98 }
```

Background

The CSS property to change the background color of an element to Decimal 5598616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556D98 }
```

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

```
.background{ background-color:#556D98 }
```

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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