

Converting Colors

Decimal(5598342)

Have a look what the booklet for
Decimal(5598342) contains.

Decimal(5598342)	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(5598342)

Conversions

Conversions Part 1

Format	Color
Hex	556C86
RGB	85, 108, 134
RGB Percent	33%, 42%, 53%
CMY	0.6667, 0.5765, 0.4745
CMYK	0.37, 0.19, 0.00, 0.47
HSL	212°, 22%, 43%
HSV	212°, 37%, 53%
XYZ	13.4120, 14.3776, 24.6225
YIQ	104.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

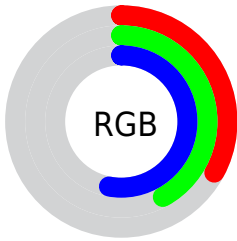
Format	Color
R_{YB}	85, 101, 134
Decimal	5598342
CIE _{Lab}	44.77, -1.63, -17.07
CIE _{LCh}	45, 17.151, 264.546
Yxy	14.3776, 0.2559, 0.2743
Android (android.graphics.Color)	4283788422 (0xFF556C86)
YUV	104.0870, 14.7471, -16.7393
Hunter-Lab	37.9179, -3.2189, -11.9583

Details

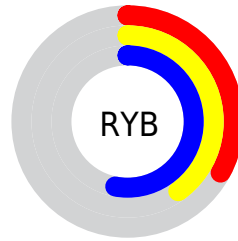
The Decimal color **5598342** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8810325**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **8953787**, and **2374996** is the 20% darker color. If you saturate the color by 10%, you get **4744582**, and if you desaturate by 10%, it is **6452102**.

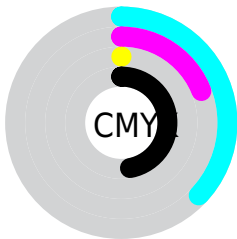
Distribution



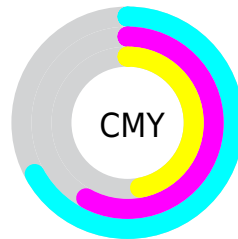
- Red (33%)
- Green (42%)
- Blue (53%)



- Red (33%)
- Yellow (40%)
- Blue (53%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5598342 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 5598342 by changing the saturation by 10% instead.



5598342



5598342

16777215



4019309



8953787



2374996



10730199



730941



12506867



4647



14414591



274



16252927



0



5598342



5598342



4744582



6452102



3825286



7371398

■ 2971526

■ 8225158

■ 2052230

■ 9144454

■ 1198214

■ 9998470

■ 344454

■ 10852230

■ 16262

■ 11771526

■ 12625286

■ 13544582

Harmonies

Analogous

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



4550785



5598342



6907780

Triad

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



5598342



8872031



5795929

Complementary

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



5598342



8810325

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.



6843728



5598342



8545107

Square

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



5598342



8675437



7825486



4813415

Rectangle

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



5598342



7693438



7825486



6123349

Sweetspot

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



5598342



10134445



5604974



4936023



14079702



5723991

Same Dimension

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



5598342



6391213



5657990



3948354



15746



259

Inverse Universe

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



8803692



11362693



8750677



4340799



8519741



196609

Previews

White Background



This preview shows how the Decimal color 5598342 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 5598342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

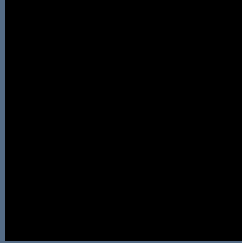
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

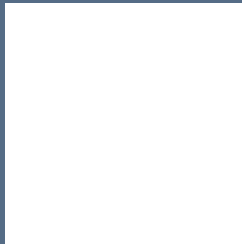
Any Text WCAG AAA × Fail

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

Decimal 5598342 Background



This preview shows how black text looks on a background with the Decimal color 5598342.

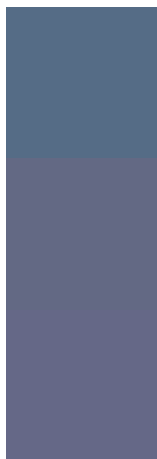


This preview shows how white text looks on a background with the Decimal color 5598342.

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
5598342

Protanopia
6515076

Deuteranopia
6645895



Tritanopia
5336951

Trichromacy



Original Color

5598342

Protanomaly

6187653

Deuteranomaly

6252935

Tritanomaly

5402236

Monochromacy



Original Color

5598342

Achromatopsia

6842472

Achromatomaly

6383987

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5598342 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 #556C86 looks like.

```
.text, #text, p{  
    color:#556C86  
}
```

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 #556C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556C86
}
```

Border

The CSS property to change the border of an element to Decimal 5598342 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
#556C86 }
```

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

```
.border{ border-color:#556C86 }
```

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

Here you see how a box with a 4 pixel #556C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556C86; -webkit-box-shadow:4px 4px  
4px 4px #556C86; box-shadow:4px 4px 4px  
4px #556C86 }
```

Background

The CSS property to change the background color of an element to Decimal 5598342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556C86 }
```

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

```
.background{ background-color:#556C86 }
```

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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