

Converting Colors

Decimal(5667242)

Have a look what the booklet for
Decimal(5667242) contains.

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Color

Decimal(5667242)

Conversions

Conversions Part 1

Format	Color
Hex	5679AA
RGB	86, 121, 170
RGB Percent	34%, 47%, 67%
CMY	0.6627, 0.5255, 0.3333
CMYK	0.49, 0.29, 0.00, 0.33
HSL	215°, 33%, 50%
HSV	215°, 49%, 67%
XYZ	17.9308, 18.5555, 40.6667
YIQ	116.1210, -36.5890, 7.8190

Conversions

Conversions Part 2

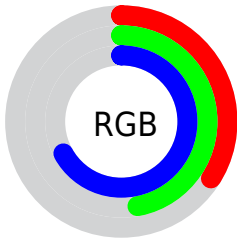
Format	Color
R_{YB}	86, 111, 170
Decimal	5667242
CIE _{Lab}	50.16, 1.58, -29.96
CIE _{LCh}	50, 29.999, 273.016
Yxy	18.5555, 0.2324, 0.2405
Android (android.graphics.Color)	4283857322 (0xFF5679AA)
YUV	116.1210, 26.5623, -26.4161
Hunter-Lab	43.0760, -1.0807, -25.8206

Details

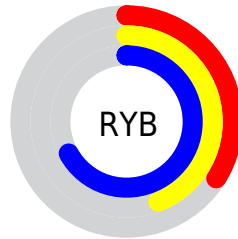
The Decimal color **5667242** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11175766**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **9219554**, and **1984886** is the 20% darker color. If you saturate the color by 10%, you get **4550570**, and if you desaturate by 10%, it is **6783914**.

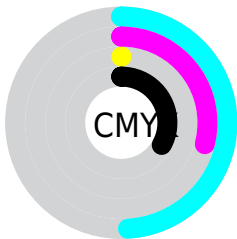
Distribution



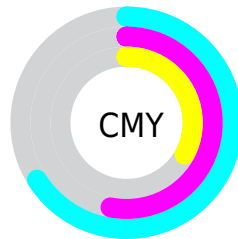
- Red (34%)
- Green (47%)
- Blue (67%)



- Red (34%)
- Yellow (44%)
- Blue (67%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5667242 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 5667242 by changing the saturation by 10% instead.

■ 5667242

■ 5667242

16777215

■ 3891343

■ 9219554

■ 1984886

■ 11061502

■ 13149

■ 12903679

■ 7749

■ 14811135

■ 814

16711679

■ 281

■ 0

■ 5667242

■ 5667242

■ 4550570

■ 6783914

■ 3433898

■ 7900586

■ 2317226

■ 9017258

■ 1200554

■ 10133930

■ 83882

■ 11250602

■ 18346

■ 12367018

■ 13483690

■ 14600362

■ 15717034

Harmonies

Analogous

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



2457764



5667242



8286370

Triad

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



5667242



10970717



5014367

Complementary

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



5667242



11175766

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.



7044684



5667242



10186314

Square

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



5667242



11035510



8746820



2524537

Rectangle

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



5667242



9595542



8746820



5669464

Sweetspot

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



5667242



12438238



5679751



6055024



15790320



7368816

Same Dimension

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



5667242



6001118



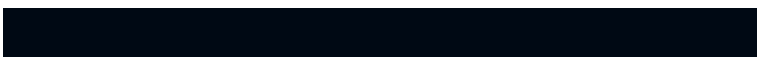
6117034



5001044



16020



2324

Inverse Universe

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



11163257



14572433



10725974



5524559



9699390



1310728

Previews

White Background



This preview shows how the Decimal color 5667242 looks on a white background.

Color Contrast Check

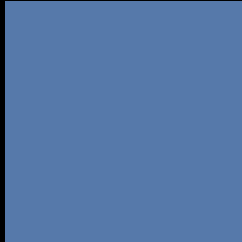
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 5667242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

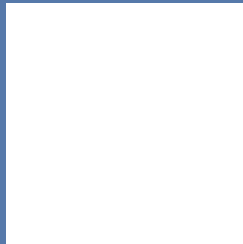
Any Text WCAG AAA × Fail

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

Decimal 5667242 Background



This preview shows how black text looks on a background with the Decimal color 5667242.



This preview shows how white text looks on a background with the Decimal color 5667242.

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



Trichromacy



Original Color
5667242

Protanomaly
6387368

Deuteranomaly
6191019

Tritanomaly
5275029

Monochromacy



Original Color
5667242

Achromatopsia
7631988

Achromatomaly
6911624

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5667242 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 #5679AA looks like.

```
.text, #text, p{  
  color:#5679AA  
}
```

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 #5679AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5679AA
}
```

Border

The CSS property to change the border of an element to Decimal 5667242 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
#5679AA }
```

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

```
.border{ border-color:#5679AA }
```

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

Here you see how a box with a 4 pixel #5679AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5679AA; -webkit-box-shadow:4px 4px  
4px 4px #5679AA; box-shadow:4px 4px 4px  
4px #5679AA }
```

Background

The CSS property to change the background color of an element to Decimal 5667242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5679AA }
```

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

```
.background{ background-color:#5679AA }
```

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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