

Converting Colors

Decimal(5656748)

Have a look what the booklet for
Decimal(5656748) contains.

Decimal(5656748)	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(5656748)

Conversions

Conversions Part 1

Format	Color
Hex	5650AC
RGB	86, 80, 172
RGB Percent	34%, 31%, 67%
CMY	0.6627, 0.6863, 0.3255
CMYK	0.50, 0.53, 0.00, 0.33
HSL	244°, 37%, 49%
HSV	244°, 53%, 67%
XYZ	14.1528, 10.6943, 40.3480
YIQ	92.2820, -25.9560, 29.8840

Conversions

Conversions Part 2

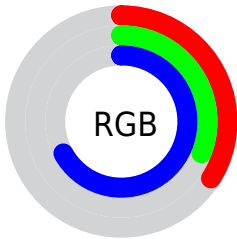
Format	Color
R_{YB}	86, 80, 172
Decimal	5656748
CIE _{Lab}	39.06, 27.68, -48.72
CIE _{LCh}	39, 56.038, 299.606
Yxy	10.6943, 0.2171, 0.1640
Android (android.graphics.Color)	4283846828 (0xFF5650AC)
YUV	92.2820, 39.3010, -5.5093
Hunter-Lab	32.7022, 20.0223, -50.2606

Details

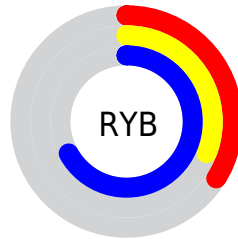
The Decimal color **5656748** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10923088**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **9273828**, and **1713015** is the 20% darker color. If you saturate the color by 10%, you get **4603820**, and if you desaturate by 10%, it is **6709676**.

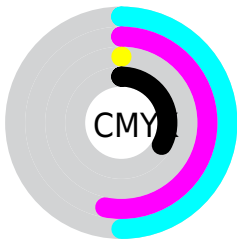
Distribution



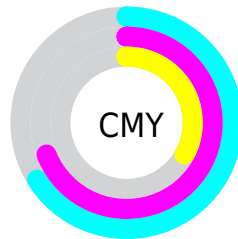
- Red (34%)
- Green (31%)
- Blue (67%)



- Red (34%)
- Yellow (31%)
- Blue (67%)



- Cyan (50%)
- Magenta (53%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5656748 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 5656748 by changing the saturation by 10% instead.

■ 5656748

■ 5656748

16777215

■ 3815825

■ 9273828

■ 1713015

■ 11115519

■ 3934

■ 13022975

■ 69

■ 14930687

■ 1070

■ 16772863

■ 280

■ 0

■ 5656748

■ 5656748

■ 4603820

■ 6709676

■ 3550892

■ 7762604

■ 2497708

■ 8815788

■ 1444780

■ 9868716

■ 721068

■ 10921644

■ 11974572

■ 13093036

■ 14146220

■ 15199148

Harmonies

Analogous

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



25272



5656748



9517195

Triad

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



5656748



9651970



28762

Complementary

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



5656748



10923088

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.



27946



5656748



7363072

Square

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



5656748



11022386



4417024



28808

Rectangle

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



5656748



10758766



4417024



28490

Sweetspot

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



5656748



12565728



5285804



6052720



15790320



7368816

Same Dimension

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



5656748



5919200



8605868



5197399



655510



65559

Inverse Universe

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



11292838



14701015



7973968



5721686



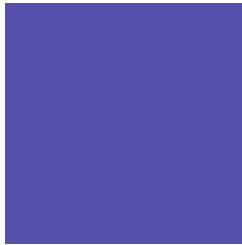
9830541



1507349

Previews

White Background



This preview shows how the Decimal color 5656748 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 5656748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

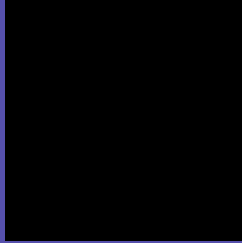
Any Text WCAG AA × Fail

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 5656748 Background



This preview shows how black text looks on a background with the Decimal color 5656748.

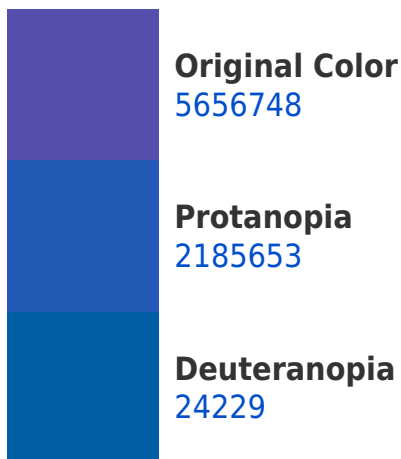



This preview shows how white text looks on a background with the Decimal color 5656748.

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





Tritanopia
4350313

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5656748 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 #5650AC looks like.

```
.text, #text, p{  
  color:#5650AC  
}
```

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 #5650AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5650AC
}
```

Border

The CSS property to change the border of an element to Decimal 5656748 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".

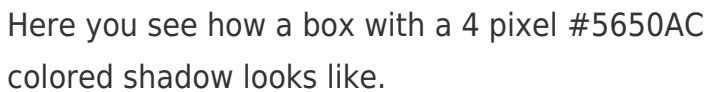
```
.border, #border, table{ border:4px solid
#5650AC }
```

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

```
.border{ border-color:#5650AC }
```

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

Here you see how a box with a 4 pixel #5650AC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5650AC; -webkit-box-shadow:4px 4px  
4px 4px #5650AC; box-shadow:4px 4px 4px  
4px #5650AC }
```

Background

The CSS property to change the background color of an element to Decimal 5656748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5650AC }
```

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

```
.background{ background-color:#5650AC }
```

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