

Converting Colors

Decimal(5659828)

Have a look what the booklet for
Decimal(5659828) contains.

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Color

Decimal(5659828)

Conversions

Conversions Part 1

Format	Color
Hex	565CB4
RGB	86, 92, 180
RGB Percent	34%, 36%, 71%
CMY	0.6627, 0.6392, 0.2941
CMYK	0.52, 0.49, 0.00, 0.29
HSL	236°, 39%, 52%
HSV	236°, 52%, 71%
XYZ	15.9031, 12.9280, 44.8372
YIQ	100.2380, -31.8240, 26.0960

Conversions

Conversions Part 2

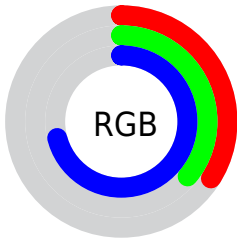
Format	Color
R_{YB}	86, 92, 180
Decimal	5659828
CIE _{Lab}	42.65, 22.70, -47.67
CIE _{LCh}	43, 52.795, 295.462
Yxy	12.9280, 0.2159, 0.1755
Android (android.graphics.Color)	4283849908 (0xFF565CB4)
YUV	100.2380, 39.3227, -12.4867
Hunter-Lab	35.9555, 16.0282, -48.7668

Details

The Decimal color **5659828** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11841110**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **9342700**, and **1584766** is the 20% darker color. If you saturate the color by 10%, you get **4475828**, and if you desaturate by 10%, it is **6843828**.

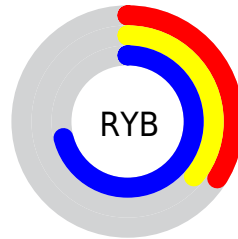
Distribution



Red (34%)

Green (36%)

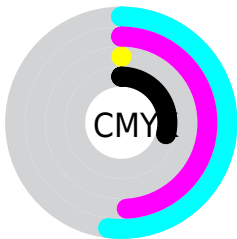
Blue (71%)



Red (34%)

Yellow (36%)

Blue (71%)

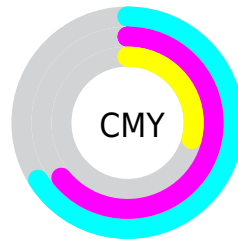


Cyan (52%)

Magenta (49%)

Yellow (0%)

Black (29%)



Cyan (66%)

Magenta (64%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5659828 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 5659828 by changing the saturation by 10% instead.

■ 5659828

■ 5659828

16777215

■ 3753369

■ 9342700

■ 1584766

■ 11184383

■ 6757

■ 13092095

■ 332

■ 14999807

■ 1333

■ 16776447

■ 543

■ 1

■ 0

■ 5659828

■ 5659828

■ 4475828

■ 6843828

■ 3291828

■ 8027828

■ 2107828

■ 9211828

■ 924084

■ 10395572

■ 2996

■ 11579572

■ 12763572

■ 13947572

■ 15131572

■ 16315572

Harmonies

Analogous

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



27836



5659828



9586583

Triad

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



5659828



10440219



30812

Complementary

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



5659828



11841110

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.



619824



5659828



8347648

Square

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



5659828



11615298



5598467



31113

Rectangle

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



5659828



11025276



5598467



30541

Sweetspot

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



5659828



12961771



5682350



6250613



16119285



7697781

Same Dimension

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



5659828



5726443



8345268



5263705



2713



538

Inverse Universe

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



11818588



15423328



9155670



5853265



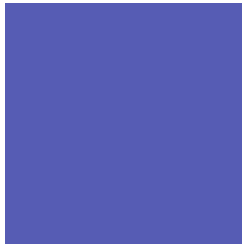
10027018



1703938

Previews

White Background



This preview shows how the Decimal color 5659828 looks on a white background.

Color Contrast Check

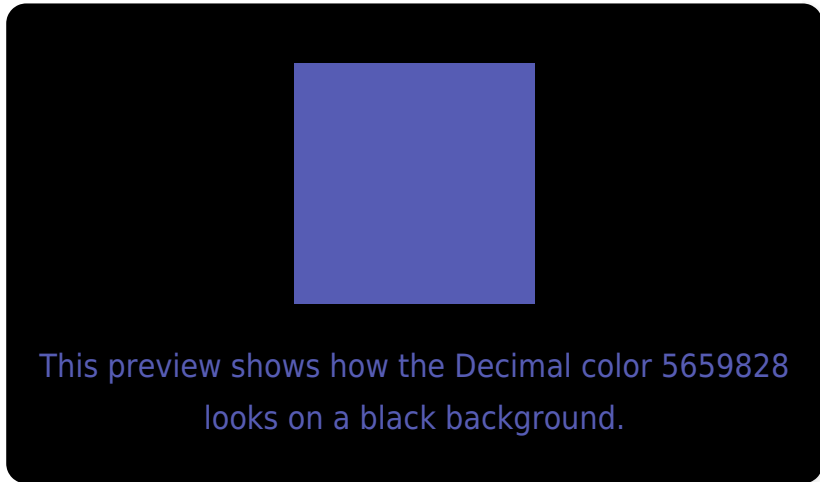
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 5659828 Background



This preview shows how black text looks on a background with the Decimal color 5659828.

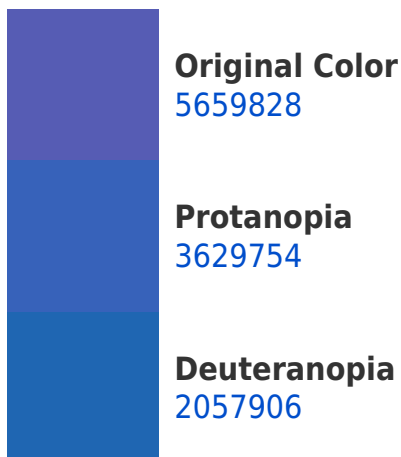


This preview shows how white text looks on a background with the Decimal color 5659828.

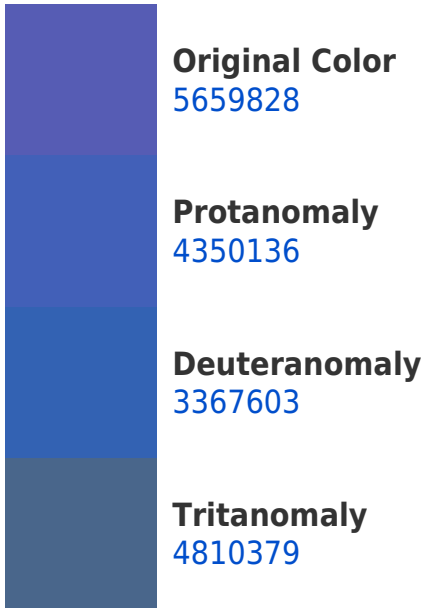
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5659828 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 #565CB4 looks like.

```
.text, #text, p{  
    color:#565CB4  
}
```

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 #565CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565CB4
}
```

Border

The CSS property to change the border of an element to Decimal 5659828 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
#565CB4 }
```

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

```
.border{ border-color:#565CB4 }
```

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

Here you see how a box with a 4 pixel #565CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565CB4; -webkit-box-shadow:4px 4px  
4px 4px #565CB4; box-shadow:4px 4px 4px  
4px #565CB4 }
```

Background

The CSS property to change the background color of an element to Decimal 5659828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565CB4 }
```

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

```
.background{ background-color:#565CB4 }
```

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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