

Converting Colors

Decimal(5463946)

Have a look what the booklet for
Decimal(5463946) contains.

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Color

Decimal(5463946)

Conversions

Conversions Part 1

Format	Color
Hex	535F8A
RGB	83, 95, 138
RGB Percent	33%, 37%, 54%
CMY	0.6745, 0.6275, 0.4588
CMYK	0.40, 0.31, 0.00, 0.46
HSL	227°, 25%, 43%
HSV	227°, 40%, 54%
XYZ	12.2469, 11.8584, 25.6882
YIQ	96.3140, -20.9550, 10.8290

Conversions

Conversions Part 2

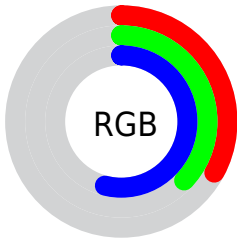
Format	Color
R_{YB}	83, 93, 138
Decimal	5463946
CIE Lab	40.99, 6.89, -25.32
CIE LCh	41, 26.245, 285.230
Yxy	11.8584, 0.2460, 0.2382
Android (android.graphics.Color)	4283654026 (0xFF535F8A)
YUV	96.3140, 20.5512, -11.6764
Hunter-Lab	34.4360, 3.2193, -20.1232

Details

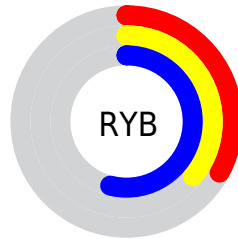
The Decimal color **5463946** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9076307**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8884672**, and **2175320** is the 20% darker color. If you saturate the color by 10%, you get **4543626**, and if you desaturate by 10%, it is **6384266**.

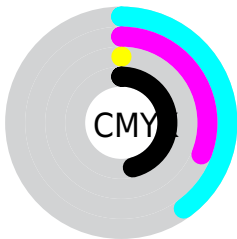
Distribution



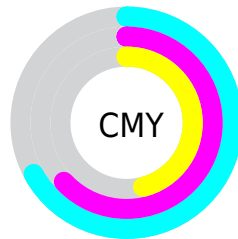
- Red (33%)
- Green (37%)
- Blue (54%)



- Red (33%)
- Yellow (36%)
- Blue (54%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (46%)



- Cyan (67%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5463946 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 5463946 by changing the saturation by 10% instead.

■ 5463946

■ 5463946

16777215

■ 3819376

■ 8884672

■ 2175320

■ 10595548

■ 334912

■ 12437496

■ 298

■ 14279679

■ 276

■ 16187391

■ 0

■ 5463946

■ 5463946

■ 4543626

■ 6384266

■ 3623306

■ 7304586

■ 2768778

■ 8159114

■ 1848458

■ 9079434

■ 928138

■ 9999754

■ 7818

■ 10920074

■ 11840394

■ 12694922

■ 13615242

Harmonies

Analogous

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



2909834



5463946



7427967

Triad

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



5463946



8803395



3107669

Complementary

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



5463946



9076307

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.



5007426



5463946



7887927

Square

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



5463946



9130070



6578998



552043

Rectangle

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



5463946



8344435



6578998



3763022

Sweetspot

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



5463946



10330803



5474941



5066585



14277081



5855577

Same Dimension

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



5463946



6123699



6443914



4079429



7557



261

Inverse Universe

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



9065311



11754864



8096339



4537919



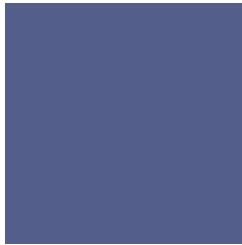
8716317



327681

Previews

White Background



This preview shows how the Decimal color 5463946 looks on a white background.

Color Contrast Check

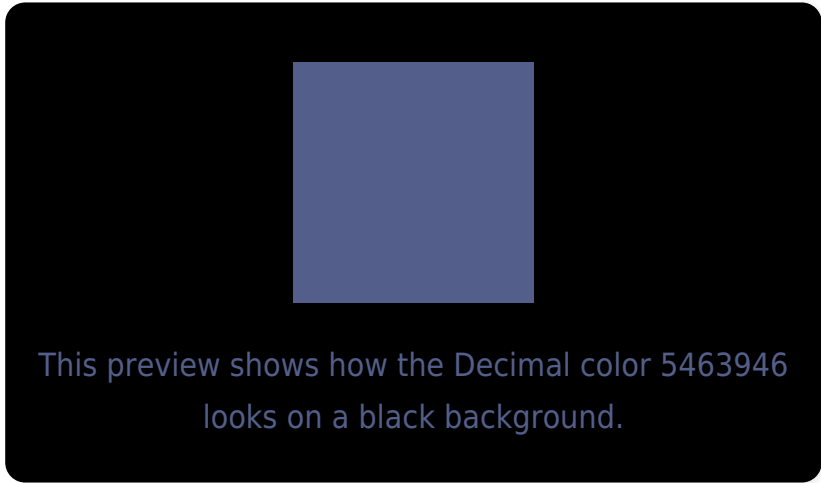
Large Text (above 18pt) WCAG AA ✓ Pass

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

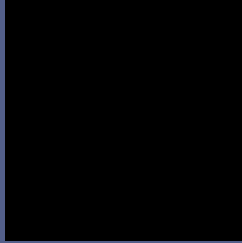
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

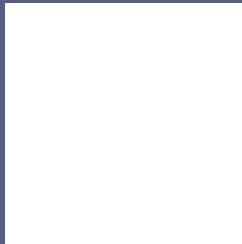
Any Text WCAG AAA × Fail

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

Decimal 5463946 Background



This preview shows how black text looks on a background with the Decimal color 5463946.

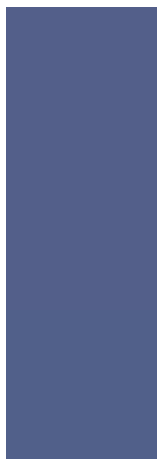


This preview shows how white text looks on a background with the Decimal color 5463946.

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

5463946

Protanopia

5463946

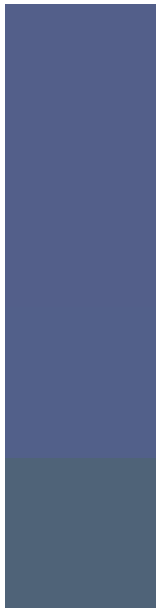
Deuteranopia

5333130



Tritanopia
5006701

Trichromacy



Original Color

5463946

Protanomaly

5463946

Deuteranomaly

5398666

Tritanomaly

5202808

Monochromacy



Original Color

5463946

Achromatopsia

6316128

Achromatomaly

5988463

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5463946 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 #535F8A looks like.

```
.text, #text, p{  
  color:#535F8A  
}
```

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 #535F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535F8A
}
```

Border

The CSS property to change the border of an element to Decimal 5463946 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
#535F8A }
```

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

```
.border{ border-color:#535F8A }
```

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

Here you see how a box with a 4 pixel #535F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535F8A; -webkit-box-shadow:4px 4px  
4px 4px #535F8A; box-shadow:4px 4px 4px  
4px #535F8A }
```

Background

The CSS property to change the background color of an element to Decimal 5463946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535F8A }
```

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

```
.background{ background-color:#535F8A }
```

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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