

Converting Colors

Decimal(5646461)

Have a look what the booklet for
Decimal(5646461) contains.

Decimal(5646461)	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(5646461)

Conversions

Conversions Part 1

Format	Color
Hex	56287D
RGB	86, 40, 125
RGB Percent	34%, 16%, 49%
CMY	0.6627, 0.8431, 0.5098
CMYK	0.31, 0.68, 0.00, 0.51
HSL	272°, 52%, 32%
HSV	272°, 68%, 49%
XYZ	8.2982, 4.9767, 19.9253
YIQ	63.4440, 0.1310, 36.1870

Conversions

Conversions Part 2

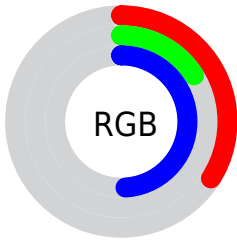
Format	Color
R_{YB}	86, 40, 125
Decimal	5646461
CIE _{Lab}	26.67, 37.90, -39.98
CIE _{LCh}	27, 55.089, 313.467
Yxy	4.9767, 0.2499, 0.1499
Android (android.graphics.Color)	4283836541 (0xFF56287D)
YUV	63.4440, 30.3471, 19.7816
Hunter-Lab	22.3085, 27.3578, -37.3401

Details

The Decimal color **5646461** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5209384**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **9132466**, and **2293835** is the 20% darker color. If you saturate the color by 10%, you get **5249917**, and if you desaturate by 10%, it is **6043005**.

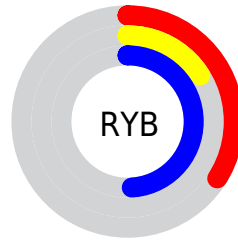
Distribution



Red (34%)

Green (16%)

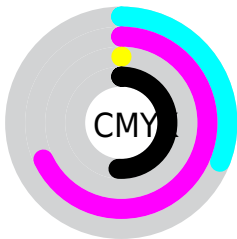
Blue (49%)



Red (34%)

Yellow (16%)

Blue (49%)

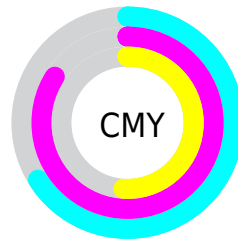


Cyan (31%)

Magenta (68%)

Yellow (0%)

Black (51%)



Cyan (66%)

Magenta (84%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5646461 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 5646461 by changing the saturation by 10% instead.

■ 5646461

■ 5646461

16777215

■ 3936100

■ 9132466

■ 2293835

■ 10908366

■ 589876

■ 12750058

■ 542

■ 14657535

■ 0

■ 16564991

■ 16769023

■ 16776191

■ 5646461

■ 5646461

■ 5249917

■ 6043005

■ 4919165

■ 6373757

■ 4522877

■ 6770301

■ 4456573

■ 7166589

■ 7563133

■ 7893885

■ 8290429

■ 8686717

■ 9083261

Harmonies

Analogous

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



16018



5646461



8126552

Triad

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



5646461



6370304



20562

Complementary

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



5646461



5209384

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.



20261



5646461



4014848

Square

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



5646461



8067842



19200



20601

Rectangle

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



5646461



8716348



19200



20547

Sweetspot

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



5646461



9733027



2642045



4800082



13750737



5395026

Same Dimension

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



5646461



6692259



8202362



4012352



4522112



0

Inverse Universe

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



8202319



10689883



2653483



4208956



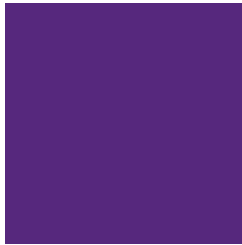
8388667



0

Previews

White Background



This preview shows how the Decimal color 5646461 looks on a white background.

Color Contrast Check

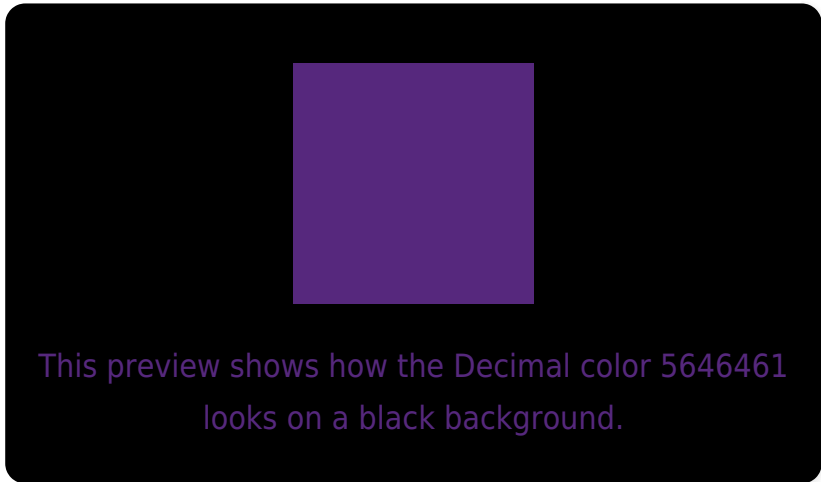
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

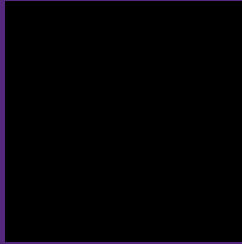
Any Text WCAG AA × Fail

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 5646461 Background



This preview shows how black text looks on a background with the Decimal color 5646461.

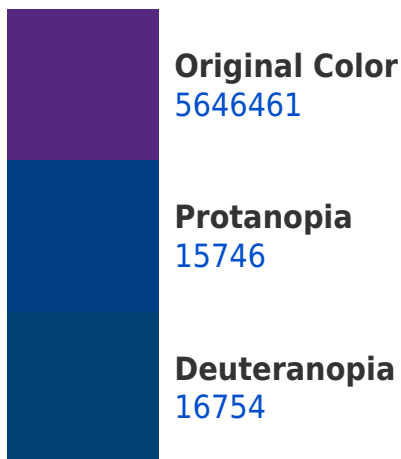


This preview shows how white text looks on a background with the Decimal color 5646461.

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](#).

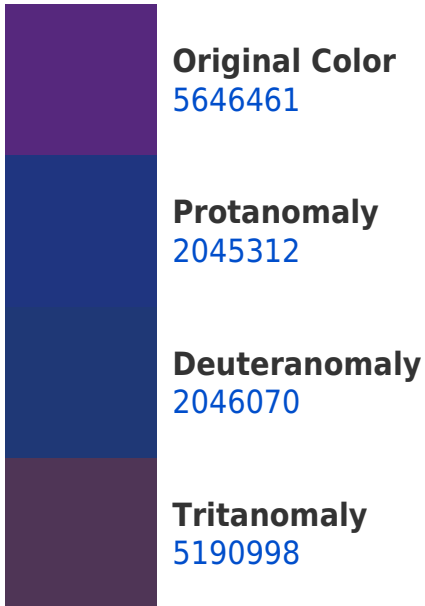
Dichromacy



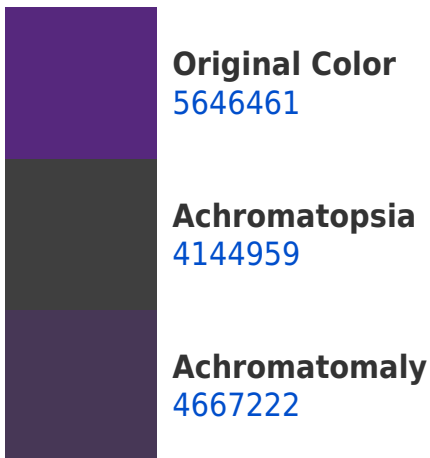


Tritanopia
4930624

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5646461 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 #56287D looks like.

```
.text, #text, p{  
  color:#56287D  
}
```

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 #56287D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56287D
}
```

Border

The CSS property to change the border of an element to Decimal 5646461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

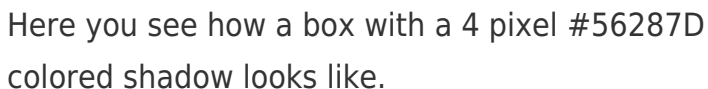
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56287D }
```

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

```
.border{ border-color:#56287D }
```

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



Here you see how a box with a 4 pixel #56287D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56287D; -webkit-box-shadow:4px 4px  
4px 4px #56287D; box-shadow:4px 4px 4px  
4px #56287D }
```

Background

The CSS property to change the background color of an element to Decimal 5646461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56287D }
```

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

```
.background{ background-color:#56287D }
```

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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