

Converting Colors

Decimal(5066862)

Have a look what the booklet for
Decimal(5066862) contains.

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Color

Decimal(5066862)

Conversions

Conversions Part 1

Format	Color
Hex	4D506E
RGB	77, 80, 110
RGB Percent	30%, 31%, 43%
CMY	0.6980, 0.6863, 0.5686
CMYK	0.30, 0.27, 0.00, 0.57
HSL	235°, 18%, 37%
HSV	235°, 30%, 43%
XYZ	8.7437, 8.4409, 15.9203
YIQ	82.5230, -11.4180, 8.6940

Conversions

Conversions Part 2

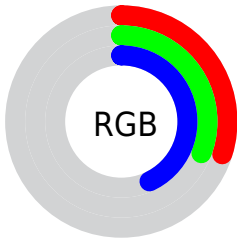
Format	Color
R_{YB}	77, 80, 110
Decimal	5066862
CIE _{Lab}	34.88, 6.38, -17.63
CIE _{LCh}	35, 18.751, 289.897
Yxy	8.4409, 0.2641, 0.2550
Android (android.graphics.Color)	4283256942 (0xFF4D506E)
YUV	82.5230, 13.5462, -4.8437
Hunter-Lab	29.0532, 2.8773, -12.1518

Details

The Decimal color **5066862** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7236429**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **8356258**, and **2040894** is the 20% darker color. If you saturate the color by 10%, you get **4343406**, and if you desaturate by 10%, it is **5790318**.

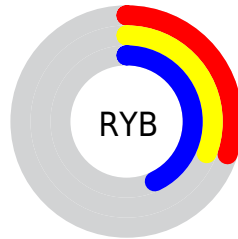
Distribution



Red (30%)

Green (31%)

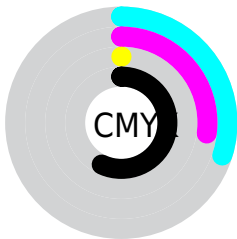
Blue (43%)



Red (30%)

Yellow (31%)

Blue (43%)

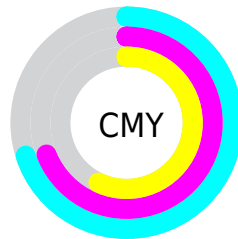


Cyan (30%)

Magenta (27%)

Yellow (0%)

Black (57%)



Cyan (70%)

Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5066862 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 5066862 by changing the saturation by 10% instead.

■ 5066862

■ 5066862

16777215

■ 3553622

■ 8356258

■ 2040894

■ 10066877

■ 658984

■ 11843289

■ 275

■ 13685237

■ 0

■ 15527679

■ 5066862

■ 5066862

■ 4343406

■ 5790318

■ 3619950

■ 6513774

■ 2896494

■ 7237230

■ 2173038

■ 7960686

■ 1449582

■ 8684142

■ 726126

■ 9407598

■ 2670

■ 10131054

■ 10854510

■ 11577966

Harmonies

Analogous

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



3560815



5066862



6310757

Triad

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



5066862



7096892



3168844

Complementary

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



5066862



7236429

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.



4282430



5066862



6377269

Square

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



5066862



7358281



5395510



2251356

Rectangle

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



5066862



6899805



5395510



3496263

Sweetspot

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



5066862



8553359



5074539



4210759



13092807



4671303

Same Dimension

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



5066862



5988495



5918062



3289912



2936



5879

Inverse Universe

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



7228752



9395040



6385229



3682867



7864331



16187414

Previews

White Background



This preview shows how the Decimal color 5066862 looks on a white background.

Color Contrast Check

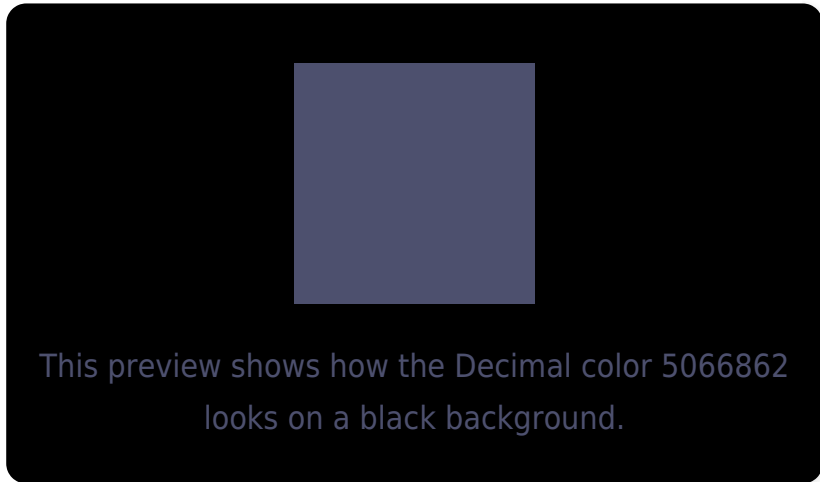
Large Text (above 18pt) WCAG AA ✓ Pass

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

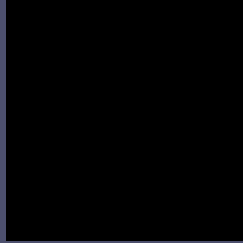
Any Text WCAG AA × Fail

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 5066862 Background



This preview shows how black text looks on a background with the Decimal color 5066862.

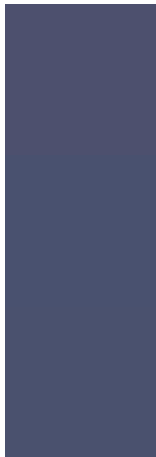


This preview shows how white text looks on a background with the Decimal color 5066862.

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

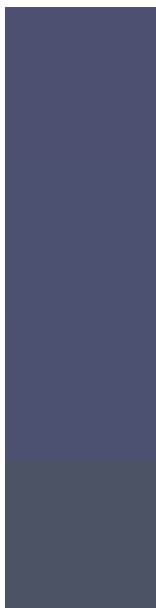


Original Color
5066862

Protanopia
4804975

Deuteranopia
4870510

Trichromacy



Original Color

5066862

Protanomaly

4870511

Deuteranomaly

4936046

Tritanomaly

4871009

Monochromacy



Original Color

5066862

Achromatopsia

5460819

Achromatomaly

5329501

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5066862 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 #4D506E looks like.

```
.text, #text, p{  
  color:#4D506E  
}
```

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 #4D506E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D506E
}
```

Border

The CSS property to change the border of an element to Decimal 5066862 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
#4D506E }
```

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

```
.border{ border-color:#4D506E }
```

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

Here you see how a box with a 4 pixel #4D506E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D506E; -webkit-box-shadow:4px 4px  
4px 4px #4D506E; box-shadow:4px 4px 4px  
4px #4D506E }
```

Background

The CSS property to change the background color of an element to Decimal 5066862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D506E }
```

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

```
.background{ background-color:#4D506E }
```

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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