

Converting Colors

Decimal(4810120)

Have a look what the booklet for
Decimal(4810120) contains.

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Color

Decimal(4810120)

Conversions

Conversions Part 1

Format	Color
Hex	496588
RGB	73, 101, 136
RGB Percent	29%, 40%, 53%
CMY	0.7137, 0.6039, 0.4667
CMYK	0.46, 0.26, 0.00, 0.47
HSL	213°, 30%, 41%
HSV	213°, 46%, 53%
XYZ	11.8453, 12.5014, 25.0813
YIQ	96.6180, -27.9230, 4.9490

Conversions

Conversions Part 2

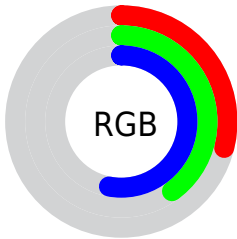
Format	Color
R_{YB}	73, 92, 136
Decimal	4810120
CIE _{Lab}	42.00, -0.26, -22.60
CIE _{LCh}	42, 22.598, 269.342
Yxy	12.5014, 0.2396, 0.2529
Android (android.graphics.Color)	4283000200 (0xFF496588)
YUV	96.6180, 19.4153, -20.7130
Hunter-Lab	35.3573, -2.0750, -17.3081

Details

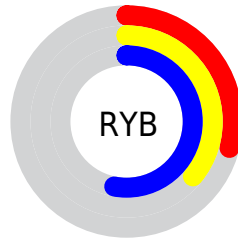
The Decimal color **4810120** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8940617**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8231101**, and **1390422** is the 20% darker color. If you saturate the color by 10%, you get **3890568**, and if you desaturate by 10%, it is **5729672**.

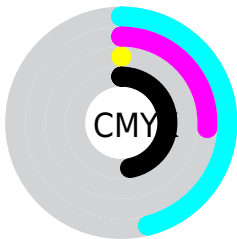
Distribution



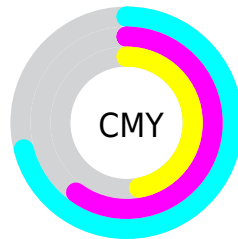
- Red (29%)
- Green (40%)
- Blue (53%)



- Red (29%)
- Yellow (36%)
- Blue (53%)



- Cyan (46%)
- Magenta (26%)
- Yellow (0%)
- Black (47%)



- Cyan (71%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4810120 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 4810120 by changing the saturation by 10% instead.

■ 4810120

■ 4810120

16777215

■ 3165551

■ 8231101

■ 1390422

■ 9941721

■ 8511

■ 11783926

■ 2601

■ 13626111

■ 275

■ 15532031

■ 0

■ 4810120

■ 4810120

■ 3890568

■ 5729672

■ 3036808

■ 6583432

■ 2117256

■ 7502984

■ 1263496

■ 8356744

■ 343944

■ 9276296

■ 15496

■ 10195592

■ 11049608

■ 11968904

■ 12822920

Harmonies

Analogous

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



2976387



4810120



6643331

Triad

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



4810120



8869458



4680528

Complementary

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



4810120



8940617

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.



6121282



4810120



8346436

Square

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



4810120



8803684



7365182



3239266

Rectangle

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



4810120



7625340



7365182



5139018

Sweetspot

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



4810120



9937584



4819052



4870489



14277081



5855577

Same Dimension

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



4810120



5077424



4999560



4079941



15237



517

Inverse Universe

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



8931685



11554169



8751177



4537921



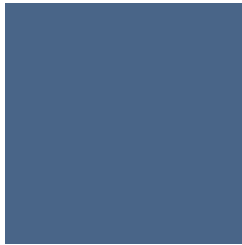
8716347



327682

Previews

White Background



This preview shows how the Decimal color 4810120 looks on a white background.

Color Contrast Check

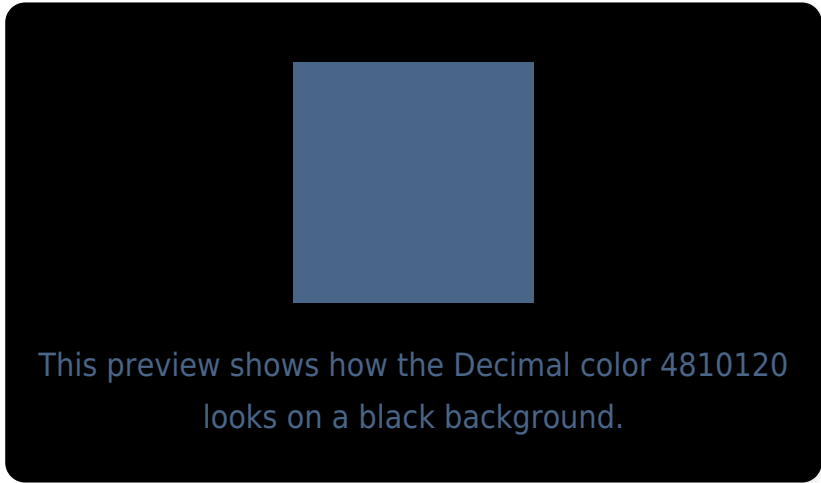
Large Text (above 18pt) WCAG AA ✓ Pass

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

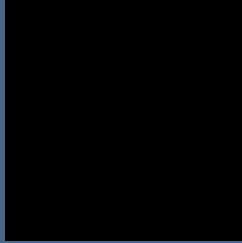
Any Text WCAG AA × Fail

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 4810120 Background



This preview shows how black text looks on a background with the Decimal color 4810120.



This preview shows how white text looks on a background with the Decimal color 4810120.

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
4810120

Protanopia
5857925

Deuteranopia
5661321



Tritanopia
4352370

Trichromacy



Original Color
4810120

Protanomaly
5464966

Deuteranomaly
5333897

Tritanomaly
4548730

Monochromacy



Original Color
4810120

Achromatopsia
6381921

Achromatomaly
5792367

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4810120 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 #496588 looks like.

```
.text, #text, p{  
    color:#496588  
}
```

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 #496588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496588
}
```

Border

The CSS property to change the border of an element to Decimal 4810120 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
#496588 }
```

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

```
.border{ border-color:#496588 }
```

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

Here you see how a box with a 4 pixel #496588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496588; -webkit-box-shadow:4px 4px  
4px 4px #496588; box-shadow:4px 4px 4px  
4px #496588 }
```

Background

The CSS property to change the background color of an element to Decimal 4810120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496588 }
```

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

```
.background{ background-color:#496588 }
```

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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