

Converting Colors

Decimal(5012146)

Have a look what the booklet for
Decimal(5012146) contains.

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Color

Decimal(5012146)

Conversions

Conversions Part 1

Format	Color
Hex	4C7AB2
RGB	76, 122, 178
RGB Percent	30%, 48%, 70%
CMY	0.7020, 0.5216, 0.3020
CMYK	0.57, 0.31, 0.00, 0.30
HSL	213°, 40%, 50%
HSV	213°, 57%, 70%
XYZ	17.9759, 18.6699, 44.7757
YIQ	114.6300, -45.3920, 7.6640

Conversions

Conversions Part 2

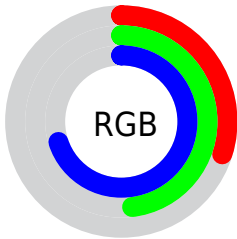
Format	Color
R_{YB}	76, 108, 178
Decimal	5012146
CIE _{Lab}	50.30, 1.23, -34.42
CIE _{LCh}	50, 34.441, 272.052
Yxy	18.6699, 0.2208, 0.2293
Android (android.graphics.Color)	4283202226 (0xFF4C7AB2)
YUV	114.6300, 31.2414, -33.8785
Hunter-Lab	43.2087, -1.3547, -31.1941

Details

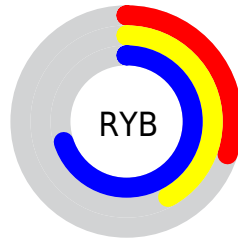
The Decimal color **5012146** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11699276**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **8695530**, and **150141** is the 20% darker color. If you saturate the color by 10%, you get **3829938**, and if you desaturate by 10%, it is **6194354**.

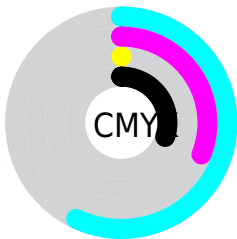
Distribution



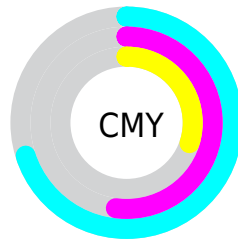
- Red (30%)
- Green (48%)
- Blue (70%)



- Red (30%)
- Yellow (42%)
- Blue (70%)



- Cyan (57%)
- Magenta (31%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (52%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5012146 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 5012146 by changing the saturation by 10% instead.

■ 5012146

■ 5012146

16777215

■ 3039639

■ 8695530

■ 150141

■ 10537471

■ 13412

■ 12445183

■ 8011

■ 14352383

■ 1333

■ 16252927

■ 543

■ 1

■ 0

■ 5012146

■ 5012146

■ 3829938

■ 6194354

■ 2647730

■ 7376562

■ 1531314

■ 8492978

■ 349106

■ 9675186

■ 20658

■ 10857394

■ 12039602

■ 13221554

■ 14338226

■ 15520434

Harmonies

Analogous

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



33451



5012146



8220585

Triad

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



5012146



11428698



4556123

Complementary

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



5012146



11699276

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.



6979397



5012146



10513476

Square

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



5012146



11427959



8943420



34681

Rectangle

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



5012146



9791644



8943420



5407571

Sweetspot

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



5012146



12702440



5026434



6187125



16119285



7697781

Same Dimension

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



5012146



4755688



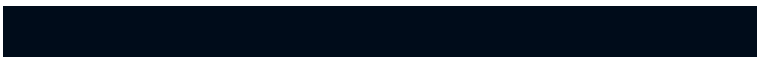
5196978



5264473



17817



3098

Inverse Universe

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



11684986



15222928



11514444



5853268



10027077



1703948

Previews

White Background



This preview shows how the Decimal color 5012146 looks on a white 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

Black Background



This preview shows how the Decimal color 5012146 looks on a black 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

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

Decimal 5012146 Background



This preview shows how black text looks on a background with the Decimal color 5012146.




This preview shows how white text looks on a background with the Decimal color 5012146.

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](#).

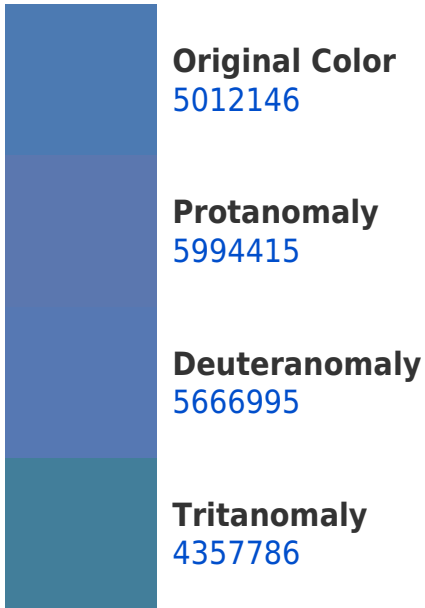
Dichromacy





Tritanopia
4030860

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5012146 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 #4C7AB2 looks like.

```
.text, #text, p{  
    color:#4C7AB2  
}
```

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 #4C7AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7AB2
}
```

Border

The CSS property to change the border of an element to Decimal 5012146 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
#4C7AB2 }
```

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

```
.border{ border-color:#4C7AB2 }
```

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

Here you see how a box with a 4 pixel #4C7AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7AB2; -webkit-box-shadow:4px 4px  
4px 4px #4C7AB2; box-shadow:4px 4px 4px  
4px #4C7AB2 }
```

Background

The CSS property to change the background color of an element to Decimal 5012146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7AB2 }
```

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

```
.background{ background-color:#4C7AB2 }
```

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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