

Converting Colors

Decimal(5090226)

Have a look what the booklet for
Decimal(5090226) contains.

Decimal(5090226)	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(5090226)

Conversions

Conversions Part 1

Format	Color
Hex	4DABB2
RGB	77, 171, 178
RGB Percent	30%, 67%, 70%
CMY	0.6980, 0.3294, 0.3020
CMYK	0.57, 0.04, 0.00, 0.30
HSL	184°, 40%, 50%
HSV	184°, 57%, 70%
XYZ	25.6594, 33.9180, 47.3139
YIQ	143.6920, -58.2710, -17.7510

Conversions

Conversions Part 2

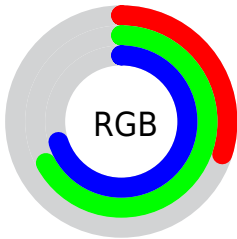
Format	Color
RYB	77, 126, 178
Decimal	5090226
CIELab	64.90, -25.54, -12.01
CIElCh	65, 28.226, 205.177
Yxy	33.9180, 0.2401, 0.3173
Android (android.graphics.Color)	4283280306 (0xFF4DABB2)
YUV	143.6920, 16.9138, -58.4889
Hunter-Lab	58.2391, -23.2738, -7.4003

Details

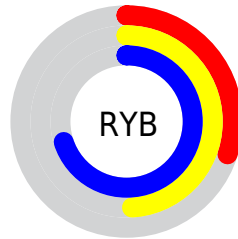
The Decimal color **5090226** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11686989**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **8905706**, and **30333** is the 20% darker color. If you saturate the color by 10%, you get **3910322**, and if you desaturate by 10%, it is **6270130**.

Distribution



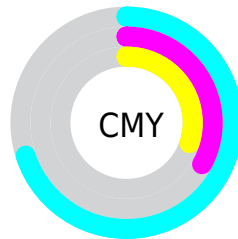
- Red (30%)
- Green (67%)
- Blue (70%)



- Red (30%)
- Yellow (49%)
- Blue (70%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5090226 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 5090226 by changing the saturation by 10% instead.

■ 5090226

■ 5090226

16777215

■ 2986135

■ 8905706

■ 30333

■ 10813439

■ 23908

■ 12713983

■ 17741

■ 14614527

■ 11830

■ 16580607

■ 6945

■ 8

■ 0

■ 5090226

■ 5090226

■ 3910322

■ 6270130

■ 2730418

■ 7450034

■ 1615794

■ 8564658

■ 435890

■ 9744562

■ 42674

■ 10924466

■ 12104370

■ 13284530

■ 14398898

■ 15578802

Harmonies

Analogous

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



6269848



5090226



5679302

Triad

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



5090226



12226747



11770475

Complementary

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



5090226



11686989

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.



13079157



5090226



13405091

Square

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



5090226



10197195



13667465



10068591

Rectangle

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



5090226



6989006



13667465



12228717

Sweetspot

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



5090226



12707304



5091924



6190197



16119285



7697781

Same Dimension

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



5090226



4906472



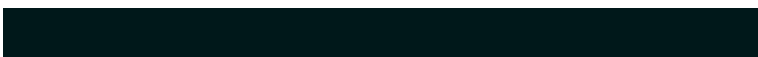
5077426



5265753



36505



6170

Inverse Universe

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



11685291



15223517



11699789



5853273



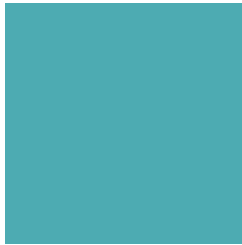
10027150



1703960

Previews

White Background



This preview shows how the Decimal color 5090226 looks on a white background.

Color Contrast Check

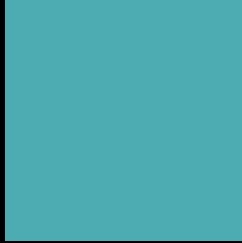
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5090226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

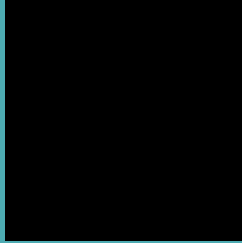
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 5090226 Background



This preview shows how black text looks on a background with the Decimal color 5090226.




This preview shows how white text looks on a background with the Decimal color 5090226.

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
5221048

Trichromacy



Original Color
5090226



Protanomaly
8364460



Deuteranomaly
8495285



Tritanomaly
5155510

Monochromacy



Original Color
5090226



Achromatopsia
9474192



Achromatomaly
7903900

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5090226 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 #4DABB2 looks like.

```
.text, #text, p{  
  color:#4DABB2  
}
```

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 #4DABB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DABB2  
}
```

Border

The CSS property to change the border of an element to Decimal 5090226 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  
#4DABB2 }
```

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

```
.border{ border-color:#4DABB2 }
```

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

Here you see how a box with a 4 pixel #4DABB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DABB2; -webkit-box-shadow:4px 4px  
4px 4px #4DABB2; box-shadow:4px 4px 4px  
4px #4DABB2 }
```

Background

The CSS property to change the background color of an element to Decimal 5090226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DABB2 }
```

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

```
.background{ background-color:#4DABB2 }
```

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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