

Converting Colors

Decimal(5020226)

Have a look what the booklet for
Decimal(5020226) contains.

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Color

Decimal(5020226)

Conversions

Conversions Part 1

Format	Color
Hex	4C9A42
RGB	76, 154, 66
RGB Percent	30%, 60%, 26%
CMY	0.7020, 0.3961, 0.7412
CMYK	0.51, 0.00, 0.57, 0.40
HSL	113°, 40%, 43%
HSV	113°, 57%, 60%
XYZ	15.5195, 25.0410, 9.1697
YIQ	120.6460, -18.2400, -43.9040

Conversions

Conversions Part 2

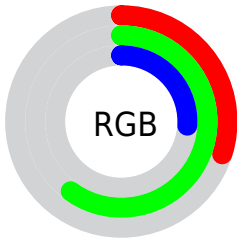
Format	Color
RYB	66, 154, 144
Decimal	5020226
CIELab	57.12, -41.87, 38.40
CIELCh	57, 56.808, 137.477
Yxy	25.0410, 0.3121, 0.5035
Android (android.graphics.Color)	4283210306 (0xFF4C9A42)
YUV	120.6460, -26.9405, -39.1545
Hunter-Lab	50.0410, -32.2128, 24.1642

Details

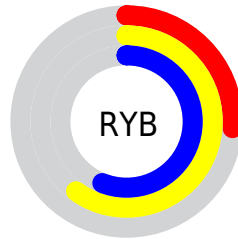
The Decimal color **5020226** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9454234**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **8638837**, and **812559** is the 20% darker color. If you saturate the color by 10%, you get **4102707**, and if you desaturate by 10%, it is **5937745**.

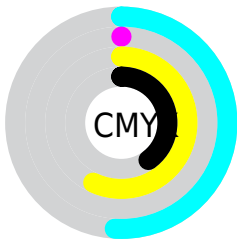
Distribution



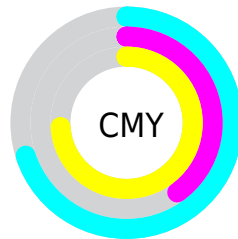
- Red (30%)
- Green (60%)
- Blue (26%)



- Red (26%)
- Yellow (60%)
- Blue (56%)



- Cyan (51%)
- Magenta (0%)
- Yellow (57%)
- Black (40%)



- Cyan (70%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5020226 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 5020226 by changing the saturation by 10% instead.

■ 5020226

■ 5020226

16777215

■ 3178537

■ 8638837

■ 812559

■ 10481295

■ 19712

■ 12320682

■ 13568

■ 14221254

■ 8192

■ 16121826

■ 0

■ 5020226

■ 5020226

■ 4102707

■ 5937745

■ 3250723

■ 6789729

■ 2333204

■ 7707248

■ 1415684

■ 8624768

■ 1219072

■ 9476751

■ 10394270

■ 11311790

■ 12163773

■ 13081293

Harmonies

Analogous

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



8883999



5020226



40818

Triad

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



5020226



38378



14900334

Complementary

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



5020226



9454234

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.



14179744



5020226



6456808

Square

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



5020226



40657



11562957



13986625

Rectangle

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



5020226



41364



11562957



14899839

Sweetspot

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



5020226



11258279



10129474



5531218



15132390



6710886

Same Dimension

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



5020226



5163326



4364900



4607301



1084416



68864

Inverse Universe

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



9454234



12205769



10109560



4998477



8126604



720909

Previews

White Background



This preview shows how the Decimal color 5020226 looks on a white background.

Color Contrast Check

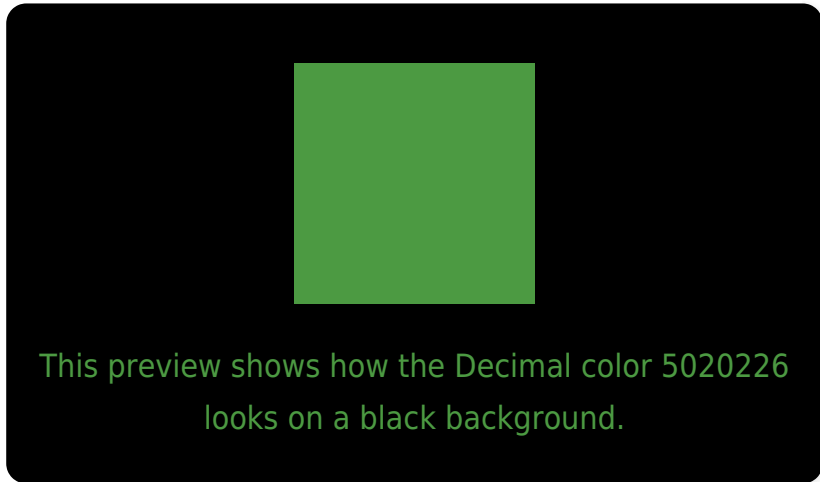
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 5020226 Background



This preview shows how black text looks on a background with the Decimal color 5020226.



This preview shows how white text looks on a background with the Decimal color 5020226.

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
5020226

Protanopia
9930813

Deuteranopia
10977865



Tritanopia
6197660

Trichromacy



Original Color
5020226

Protanomaly
8163135

Deuteranomaly
8817478

Tritanomaly
5739643

Monochromacy



Original Color
5020226

Achromatopsia
7960953

Achromatomaly
6915429

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5020226 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 #4C9A42 looks like.

```
.text, #text, p{  
    color:#4C9A42  
}
```

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 #4C9A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9A42
}
```

Border

The CSS property to change the border of an element to Decimal 5020226 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
#4C9A42 }
```

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

```
.border{ border-color:#4C9A42 }
```

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

Here you see how a box with a 4 pixel #4C9A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9A42; -webkit-box-shadow:4px 4px  
4px 4px #4C9A42; box-shadow:4px 4px 4px  
4px #4C9A42 }
```

Background

The CSS property to change the background color of an element to Decimal 5020226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9A42 }
```

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

```
.background{ background-color:#4C9A42 }
```

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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