

Converting Colors

Decimal(5157226)

Have a look what the booklet for
Decimal(5157226) contains.

Decimal(5157226)	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(5157226)

Conversions

Conversions Part 1

Format	Color
Hex	4EB16A
RGB	78, 177, 106
RGB Percent	31%, 69%, 42%
CMY	0.6941, 0.3059, 0.5843
CMYK	0.56, 0.00, 0.40, 0.31
HSL	137°, 39%, 50%
HSV	137°, 56%, 69%
XYZ	21.4655, 34.1046, 19.0872
YIQ	139.3050, -36.2130, -43.0690

Conversions

Conversions Part 2

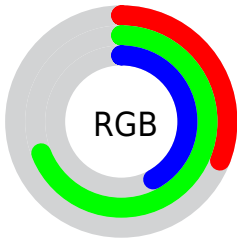
Format	Color
RYB	78, 155, 177
Decimal	5157226
CIELab	65.05, -44.85, 27.80
CIElCh	65, 52.764, 148.204
Yxy	34.1046, 0.2875, 0.4568
Android (android.graphics.Color)	4283347306 (0xFF4EB16A)
YUV	139.3050, -16.4194, -53.7645
Hunter-Lab	58.3991, -36.5879, 21.5011

Details

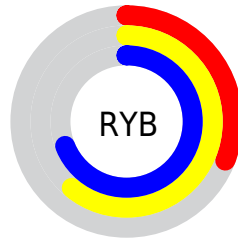
The Decimal color **5157226** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11619989**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **8907166**, and **162617** is the 20% darker color. If you saturate the color by 10%, you get **3977565**, and if you desaturate by 10%, it is **6336887**.

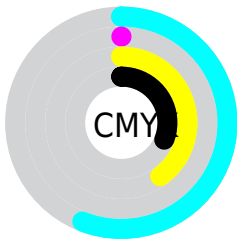
Distribution



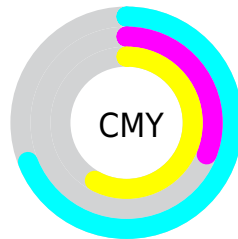
- Red (31%)
- Green (69%)
- Blue (42%)



- Red (31%)
- Yellow (61%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5157226 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 5157226 by changing the saturation by 10% instead.

■ 5157226

■ 5157226

16777215

■ 3184209

■ 8907166

■ 162617

■ 10747833

■ 25122

■ 12648405

■ 18699

■ 14548978

■ 12544

■ 16449535

■ 6656

■ 0

■ 5157226

■ 5157226

■ 3977565

■ 6336887

■ 2863441

■ 7451011

■ 1683780

■ 8630672

■ 504119

■ 9810333

■ 45362

■ 10989993

■ 12104118

■ 13283779

■ 14463440

■ 15577564

Harmonies

Analogous

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



9218118



5157226



46489

Triad

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



5157226



3056892



16021876

Complementary

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



5157226



11619989

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.



15889827



5157226



10195953

Square

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



5157226



45037



13992144



14649678

Rectangle

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



5157226



46522



13992144



16152195

Sweetspot

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



5157226



12510922



9941326



6058850



15921906



7566195

Same Dimension

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



5157226



5039735



5157274



5265747



39211



6663

Inverse Universe

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



11619989



15092922



11619941



5853271



10027118



1703954

Previews

White Background



This preview shows how the Decimal color 5157226 looks on a white background.

Color Contrast Check

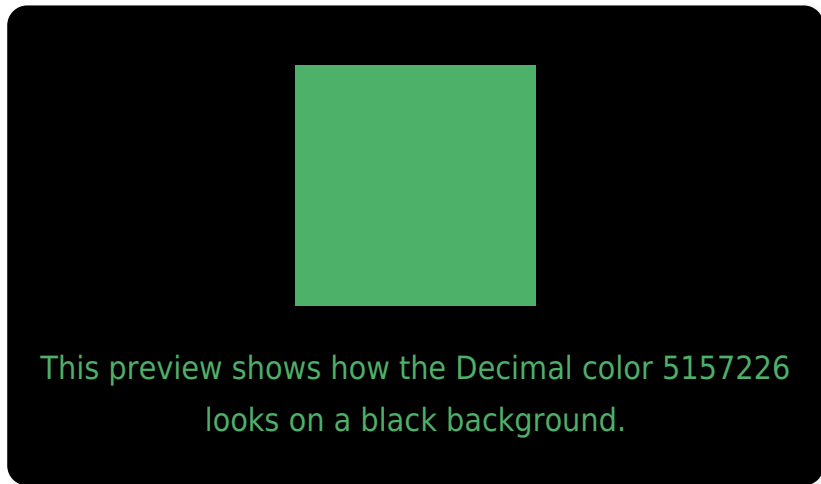
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 5157226 Background



This preview shows how black text looks on a background with the Decimal color 5157226.




This preview shows how white text looks on a background with the Decimal color 5157226.

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
6465718

Trichromacy



Original Color

5157226



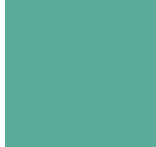
Protanomaly

9020517



Deuteranomaly

9674862



Tritanomaly

6007706

Monochromacy



Original Color

5157226



Achromatopsia

9145227



Achromatomaly

7707007

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5157226 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 #4EB16A looks like.

```
.text, #text, p{  
    color:#4EB16A  
}
```

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 #4EB16A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB16A
}
```

Border

The CSS property to change the border of an element to Decimal 5157226 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
#4EB16A }
```

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

```
.border{ border-color:#4EB16A }
```

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

Here you see how a box with a 4 pixel #4EB16A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB16A; -webkit-box-shadow:4px 4px  
4px 4px #4EB16A; box-shadow:4px 4px 4px  
4px #4EB16A }
```

Background

The CSS property to change the background color of an element to Decimal 5157226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB16A }
```

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

```
.background{ background-color:#4EB16A }
```

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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