

Converting Colors

Decimal(5216830)

Have a look what the booklet for
Decimal(5216830) contains.

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Color

Decimal(5216830)

Conversions

Conversions Part 1

Format	Color
Hex	4F9A3E
RGB	79, 154, 62
RGB Percent	31%, 60%, 24%
CMY	0.6902, 0.3961, 0.7569
CMYK	0.49, 0.00, 0.60, 0.40
HSL	109°, 43%, 42%
HSV	109°, 60%, 60%
XYZ	15.6496, 25.1213, 8.5815
YIQ	121.0870, -15.1680, -44.5120

Conversions

Conversions Part 2

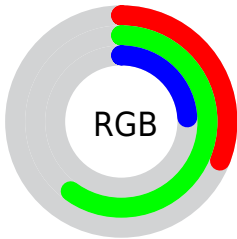
Format	Color
RYB	62, 154, 137
Decimal	5216830
CIELab	57.19, -41.44, 40.45
CIELCh	57, 57.908, 135.697
Yxy	25.1213, 0.3171, 0.5090
Android (android.graphics.Color)	4283406910 (0xFF4F9A3E)
YUV	121.0870, -29.1299, -36.9103
Hunter-Lab	50.1211, -31.9781, 24.9334

Details

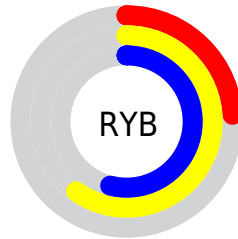
The Decimal color **5216830** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8994458**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **8835441**, and **1205768** is the 20% darker color. If you saturate the color by 10%, you get **4364847**, and if you desaturate by 10%, it is **6068813**.

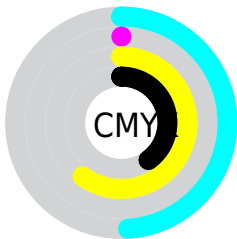
Distribution



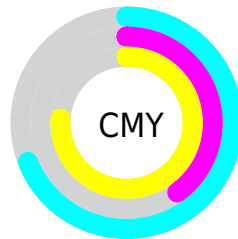
- Red (31%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (54%)



- Cyan (49%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5216830 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 5216830 by changing the saturation by 10% instead.

 5216830

 5216830

16777215

 3375141

 8835441

 1205768

 10612363

 19712

 12517286

 13568


 14417858

 8448

 16318430

 0

 16777211

 5216830

 5216830

 4364847

 6068813

■ 3578399

■ 6855261

■ 2726416

■ 7707244

■ 1939968

■ 8493692

■ 1874432

■ 9345675

■ 10132122

■ 10984106

■ 11770553

■ 12622537

Harmonies

Analogous

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



9080602



5216830



41071

Triad

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



5216830



38635



15030897

Complementary

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



5216830



8994458

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.



14179748



5216830



5867243

Square

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



5216830



40913



11366608



14182723

Rectangle

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



5216830



41362



11366608



14964866

Sweetspot

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



5216830



11323813



10127422



5531216



15132390



6710886

Same Dimension

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



5216830



5491000



4102746



4607301



1739776



134400

Inverse Universe

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



8994458



11483337



10108542



4932941



7471244



655373

Previews

White Background



This preview shows how the Decimal color 5216830 looks on a white background.

Color Contrast Check

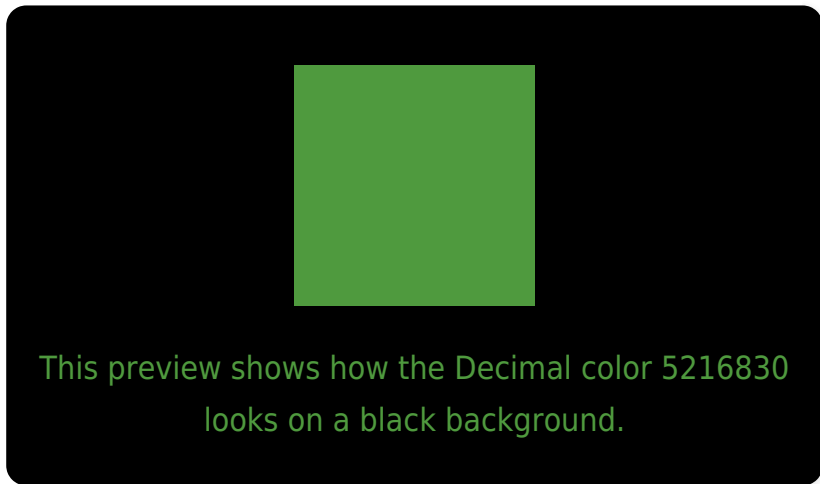
Large Text (above 18pt) WCAG AA ✓ Pass

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 5216830 Background



This preview shows how black text looks on a background with the Decimal color 5216830.



This preview shows how white text looks on a background with the Decimal color 5216830.

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
5216830

Protanopia
9996601

Deuteranopia
11043397



Tritanopia
6394012

Trichromacy



Original Color
5216830

Protanomaly
8228667

Deuteranomaly
8948546

Tritanomaly
5936250

Monochromacy



Original Color
5216830

Achromatopsia
7960953

Achromatomaly
6980964

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5216830 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 #4F9A3E looks like.

```
.text, #text, p{  
    color:#4F9A3E  
}
```

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 #4F9A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9A3E
}
```

Border

The CSS property to change the border of an element to Decimal 5216830 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
#4F9A3E }
```

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

```
.border{ border-color:#4F9A3E }
```

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

Here you see how a box with a 4 pixel #4F9A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9A3E; -webkit-box-shadow:4px 4px  
4px 4px #4F9A3E; box-shadow:4px 4px 4px  
4px #4F9A3E }
```

Background

The CSS property to change the background color of an element to Decimal 5216830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9A3E }
```

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

```
.background{ background-color:#4F9A3E }
```

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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awesome pro features!

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