

Converting Colors

Decimal(4112746)

Have a look what the booklet for
Decimal(4112746) contains.

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Color

Decimal(4112746)

Conversions

Conversions Part 1

Format	Color
Hex	3EC16A
RGB	62, 193, 106
RGB Percent	24%, 76%, 42%
CMY	0.7569, 0.2431, 0.5843
CMYK	0.68, 0.00, 0.45, 0.24
HSL	140°, 51%, 50%
HSV	140°, 68%, 76%
XYZ	23.6581, 40.2047, 20.1490
YIQ	143.9130, -50.1490, -54.8290

Conversions

Conversions Part 2

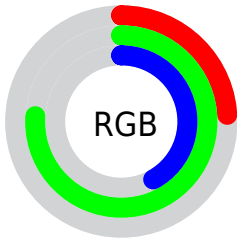
Format	Color
RYB	62, 160, 193
Decimal	4112746
CIELab	69.62, -54.51, 33.64
CIELCh	70, 64.054, 148.318
Yxy	40.2047, 0.2816, 0.4786
Android (android.graphics.Color)	4282302826 (0xFF3EC16A)
YUV	143.9130, -18.6911, -71.8377
Hunter-Lab	63.4072, -44.3617, 25.5443

Details

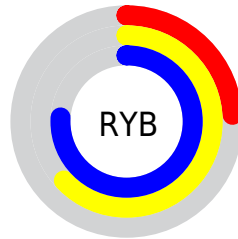
The Decimal color **4112746** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **12664469**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **8256158**, and **35385** is the 20% darker color. If you saturate the color by 10%, you get **2867549**, and if you desaturate by 10%, it is **5357943**.

Distribution



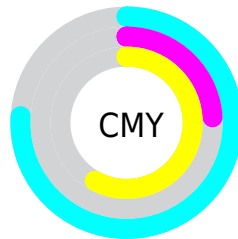
- Red (24%)
- Green (76%)
- Blue (42%)



- Red (24%)
- Yellow (63%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (45%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4112746 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 4112746 by changing the saturation by 10% instead.



4112746



4112746

16777215



1156433



8256158



35385



10158010



28705



12124118



22022



14024690



15616



16056319



9984



0



4112746



4112746



2867549



5357943

■ 1556816

■ 6668676

■ 311620

■ 7913872

■ 49473

■ 9159069

■ 10469802

■ 11714999

■ 12960196

■ 14205393

■ 15516125

Harmonies

Analogous

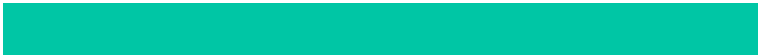
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9615163



4112746



50853

Triad

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



4112746



45823



16743030

Complementary

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



4112746



12664469

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.



16741552



4112746



10853631

Square

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



4112746



49151



15565800



16289862

Rectangle

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



4112746



50893



15565800



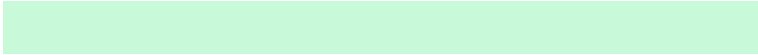
16742025

Sweetspot

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



4112746



13171417



9814334



6258025



16579836



8224125

Same Dimension

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



4112746



3144307



4112811



5726554



41270



8459

Inverse Universe

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



12664469



16396214



12664404



6379358



10551403



2162710

Previews

White Background



This preview shows how the Decimal color 4112746 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 4112746 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 4112746 Background



This preview shows how black text looks on a background with the Decimal color 4112746.

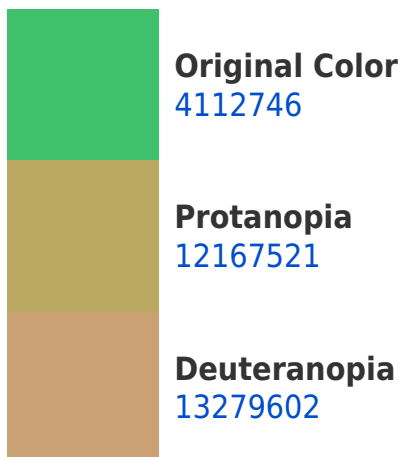


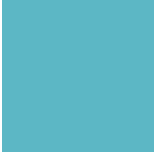
This preview shows how white text looks on a background with the Decimal color 4112746.

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
6076357

Trichromacy



Original Color

4112746



Protanomaly

9220708



Deuteranomaly

9940335



Tritanomaly

5356452

Monochromacy



Original Color

4112746



Achromatopsia

9474192



Achromatomaly

7512706

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4112746 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 #3EC16A looks like.

```
.text, #text, p{  
  color:#3EC16A  
}
```

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 #3EC16A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC16A
}
```

Border

The CSS property to change the border of an element to Decimal 4112746 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
#3EC16A }
```

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

```
.border{ border-color:#3EC16A }
```

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

Here you see how a box with a 4 pixel #3EC16A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC16A; -webkit-box-shadow:4px 4px  
4px 4px #3EC16A; box-shadow:4px 4px 4px  
4px #3EC16A }
```

Background

The CSS property to change the background color of an element to Decimal 4112746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC16A }
```

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

```
.background{ background-color:#3EC16A }
```

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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