

Converting Colors

Decimal(6274064)

Have a look what the booklet for
Decimal(6274064) contains.

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Color

Decimal(6274064)

Conversions

Conversions Part 1

Format	Color
Hex	5FBC10
RGB	95, 188, 16
RGB Percent	37%, 74%, 6%
CMY	0.6275, 0.2627, 0.9373
CMYK	0.49, 0.00, 0.91, 0.26
HSL	92°, 84%, 40%
HSV	92°, 91%, 74%
XYZ	22.7961, 38.4367, 6.7078
YIQ	140.5850, -0.2160, -73.2080

Conversions

Conversions Part 2

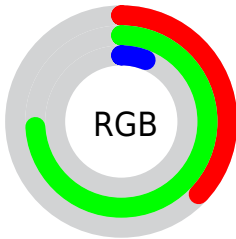
Format	Color
RYB	16, 188, 109
Decimal	6274064
CIELab	68.34, -52.89, 66.43
CIElCh	68, 84.908, 128.525
Yxy	38.4367, 0.3355, 0.5657
Android (android.graphics.Color)	4284464144 (0xFF5FBC10)
YUV	140.5850, -61.4204, -39.9780
Hunter-Lab	61.9974, -42.8620, 36.9833

Details

The Decimal color **6274064** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7147708**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10155348**, and **1738240** is the 20% darker color. If you saturate the color by 10%, you get **5684224**, and if you desaturate by 10%, it is **6929443**.

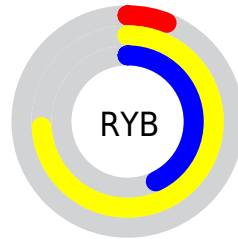
Distribution



Red (37%)

Green (74%)

Blue (6%)



Red (6%)

Yellow (74%)

Blue (43%)

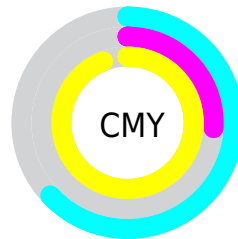


Cyan (49%)

Magenta (0%)

Yellow (91%)

Black (26%)



Cyan (63%)

Magenta (26%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6274064 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 6274064 by changing the saturation by 10% instead.



6274064



6274064

16777215



4235520



10155348



1738240



12058480



27648



14024588



20992



15990696



14848



16777157



9216



16777186



0



6274064



6274064



5684224



6929443

 7584822

 8240200

 8961115

 9616494

 10271873

 10927252

 11582630

 12238009

Harmonies

Analogous

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



11840000



6274064



50539

Triad

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



6274064



48895



16731540

Complementary

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



6274064



7147708

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.



16736225



6274064



43519

Square

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



6274064



51199



12814335



16738634

Rectangle

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



6274064



51360



12814335



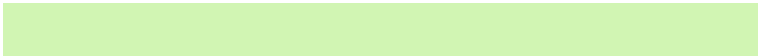
16731566

Sweetspot

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



6274064



13759923



12348432



6650451



16448250



8026746

Same Dimension

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



6274064



7402752



1096726



5856853



4824576



925440

Inverse Universe

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



7147708



8650997



12325046



5920094



5570718



1114143

Previews

White Background



This preview shows how the Decimal color 6274064 looks on a white background.

Color Contrast Check

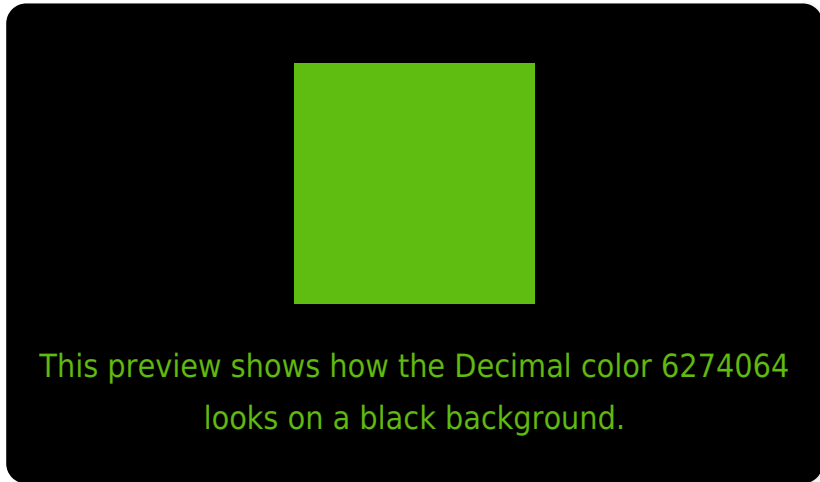
Large Text (above 18pt) WCAG AA × Fail

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 6274064 Background



This preview shows how black text looks on a background with the Decimal color 6274064.



This preview shows how white text looks on a background with the Decimal color 6274064.

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](#).

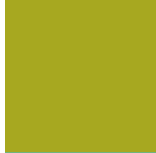
Dichromacy



Trichromacy



Original Color
6274064



Deuteranomaly
10987552



Tritanomaly
7320702

Monochromacy



Original Color
6274064



Achromatopsia
9276813



Achromatomaly
8167008

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6274064 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 #5FBC10 looks like.

```
.text, #text, p{  
    color:#5FBC10  
}
```

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 #5FBC10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBC10
}
```

Border

The CSS property to change the border of an element to Decimal 6274064 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
#5FBC10 }
```

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

```
.border{ border-color:#5FBC10 }
```

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

Here you see how a box with a 4 pixel #5FBC10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBC10; -webkit-box-shadow:4px 4px  
4px 4px #5FBC10; box-shadow:4px 4px 4px  
4px #5FBC10 }
```

Background

The CSS property to change the background color of an element to Decimal 6274064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBC10 }
```

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

```
.background{ background-color:#5FBC10 }
```

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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