

Converting Colors

Decimal(6123840)

Have a look what the booklet for
Decimal(6123840) contains.

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Color

Decimal(6123840)

Conversions

Conversions Part 1

Format	Color
Hex	5D7140
RGB	93, 113, 64
RGB Percent	36%, 44%, 25%
CMY	0.6353, 0.5569, 0.7490
CMYK	0.18, 0.00, 0.43, 0.56
HSL	84°, 28%, 35%
HSV	84°, 43%, 44%
XYZ	11.3447, 14.5076, 7.0528
YIQ	101.4340, 3.8090, -19.4790

Conversions

Conversions Part 2

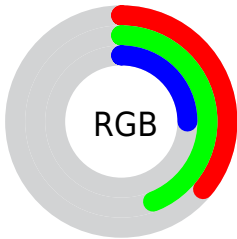
Format	Color
RYB	64, 113, 84
Decimal	6123840
CIELab	44.95, -16.54, 24.77
CIELCh	45, 29.786, 123.740
Yxy	14.5076, 0.3448, 0.4409
Android (android.graphics.Color)	4284313920 (0xFF5D7140)
YUV	101.4340, -18.4550, -7.3966
Hunter-Lab	38.0888, -13.4892, 15.6836

Details

The Decimal color **6123840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5521521**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **9479537**, and **2965779** is the 20% darker color. If you saturate the color by 10%, you get **5796149**, and if you desaturate by 10%, it is **6451531**.

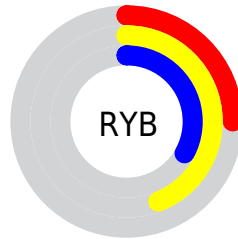
Distribution



Red (36%)

Green (44%)

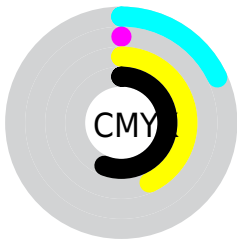
Blue (25%)



Red (25%)

Yellow (44%)

Blue (33%)

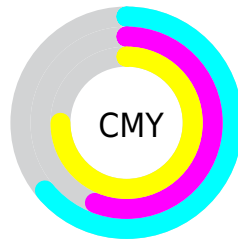


Cyan (18%)

Magenta (0%)

Yellow (43%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6123840 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 6123840 by changing the saturation by 10% instead.



6123840



6123840

16777215



4544553



9479537



2965779



11255946



1649408



13098149



6144



14940352



0



16777180



16777209



6123840



6123840



5796149



6451531

■ 5533993

■ 6713687

■ 5206302

■ 7041378

■ 4944147

■ 7303533

■ 4616455

■ 7631225

■ 4419840

■ 7958916

■ 8221071

■ 8548762

■ 8876454

Harmonies

Analogous

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



7825976



6123840



4093524

Triad

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



6123840



947094



10049128

Complementary

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



6123840



5521521

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.



9198209



6123840



4877468

Square

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



6123840



30597



7431060



9984336

Rectangle

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



6123840



2389860



7431060



9852785

Sweetspot

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



6123840



9213057



7427136



4540990



13224393



4868682

Same Dimension

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



6123840



7705671



4550976



3553330



4683776



9631488

Inverse Universe

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



5521521



6702996



7094385



3486264



3211384



6619383

Previews

White Background



This preview shows how the Decimal color 6123840 looks on a white background.

Color Contrast Check

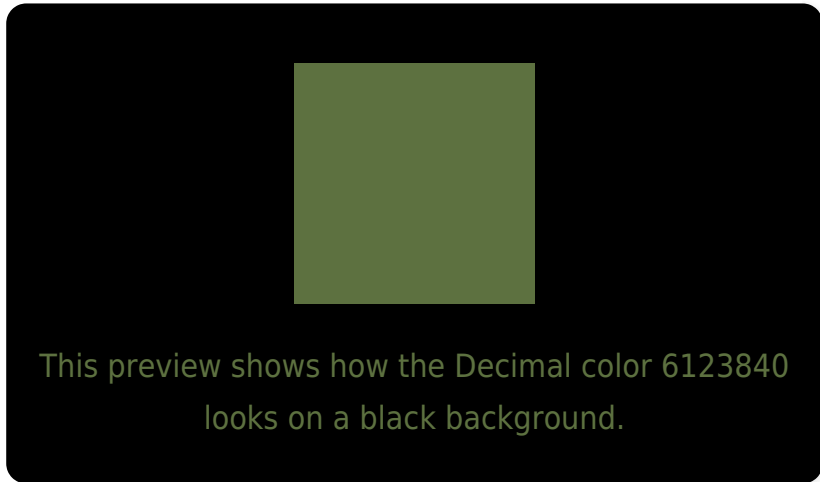
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

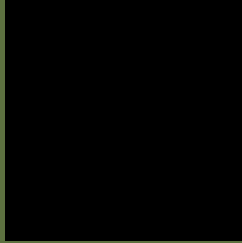
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6123840 Background



This preview shows how black text looks on a background with the Decimal color 6123840.



This preview shows how white text looks on a background with the Decimal color 6123840.

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](#).

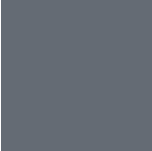
Dichromacy



Original Color
6123840

Protanopia
7629373

Deuteranopia
8414531



Tritanopia
6581108

Trichromacy



Original Color
6123840

Protanomaly
7105854

Deuteranomaly
7563586

Tritanomaly
6384993

Monochromacy



Original Color
6123840

Achromatopsia
6645093

Achromatomaly
6449496

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6123840 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 #5D7140 looks like.

```
.text, #text, p{  
  color:#5D7140  
}
```

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 #5D7140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7140
}
```

Border

The CSS property to change the border of an element to Decimal 6123840 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
#5D7140 }
```

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

```
.border{ border-color:#5D7140 }
```

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

Here you see how a box with a 4 pixel #5D7140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7140; -webkit-box-shadow:4px 4px  
4px 4px #5D7140; box-shadow:4px 4px 4px  
4px #5D7140 }
```

Background

The CSS property to change the background color of an element to Decimal 6123840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7140 }
```

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

```
.background{ background-color:#5D7140 }
```

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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