

Converting Colors

Decimal(6586948)

Have a look what the booklet for
Decimal(6586948) contains.

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Color

Decimal(6586948)

Conversions

Conversions Part 1

Format	Color
Hex	648244
RGB	100, 130, 68
RGB Percent	39%, 51%, 27%
CMY	0.6078, 0.4902, 0.7333
CMYK	0.23, 0.00, 0.48, 0.49
HSL	89°, 31%, 39%
HSV	89°, 48%, 51%
XYZ	14.2815, 19.0919, 8.4012
YIQ	113.9620, 2.0220, -25.6420

Conversions

Conversions Part 2

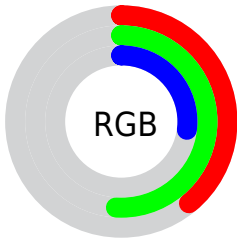
Format	Color
RYB	68, 130, 98
Decimal	6586948
CIELab	50.79, -22.09, 30.02
CIElCh	51, 37.271, 126.350
Yxy	19.0919, 0.3419, 0.4570
Android (android.graphics.Color)	4284777028 (0xFF648244)
YUV	113.9620, -22.6593, -12.2447
Hunter-Lab	43.6943, -18.1221, 19.1862

Details

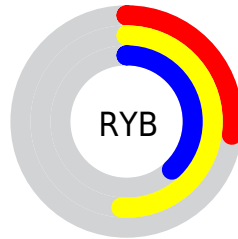
The Decimal color **6586948** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6440066**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **10008437**, and **3362838** is the 20% darker color. If you saturate the color by 10%, you get **6193719**, and if you desaturate by 10%, it is **6980177**.

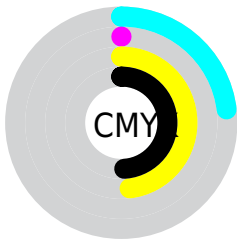
Distribution



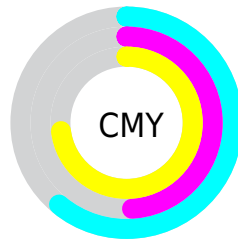
- Red (39%)
- Green (51%)
- Blue (27%)



- Red (27%)
- Yellow (51%)
- Blue (38%)



- Cyan (23%)
- Magenta (0%)
- Yellow (48%)
- Black (49%)



- Cyan (61%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6586948 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 6586948 by changing the saturation by 10% instead.



6586948



6586948

16777215



4942125



10008437



3362838



11785103



1849600



13627306



74752



15531974



1280



16777186



0



6586948



6586948



6193719



6980177



5734954



7438942

■ 5341725

■ 7832171

■ 4948496

■ 8225400

■ 4555267

■ 8618629

■ 4424192

■ 9077394

■ 9470623

■ 9863852

■ 10322617

Harmonies

Analogous

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



8812856



6586948



3770206

Triad

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



6586948



33715



11820659

Complementary

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



6586948



6440066

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.



10904467



6586948



5274296

Square

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



6586948



34974



8744620



11690837

Rectangle

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



6586948



35188



8744620



11689854

Sweetspot

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



6586948



10332305



8544836



5067846



13948116



5526612

Same Dimension

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



6586948



8038472



4555332



4014137



4358144



0

Inverse Universe

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



6440066



7817384



8471682



3946816



4063360



0

Previews

White Background



This preview shows how the Decimal color 6586948 looks on a white background.

Color Contrast Check

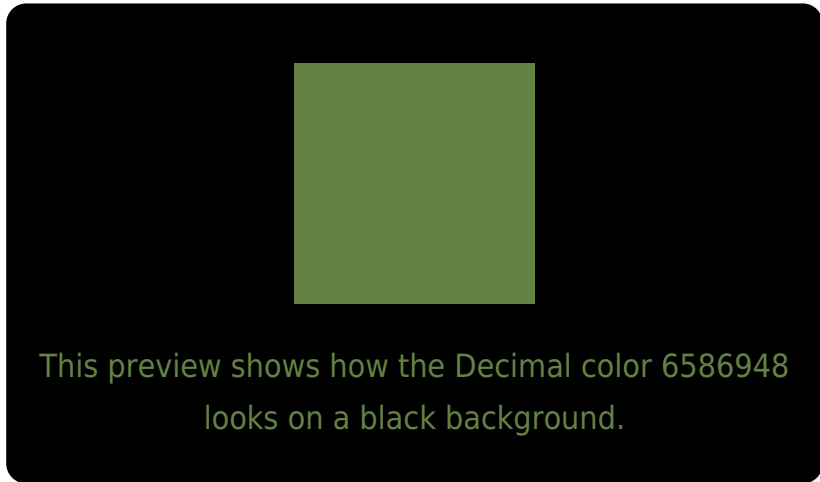
Large Text (above 18pt) WCAG AA ✓ Pass

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 6586948 Background



This preview shows how black text looks on a background with the Decimal color 6586948.



This preview shows how white text looks on a background with the Decimal color 6586948.

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
6586948

Protanopia
8747329

Deuteranopia
9597768



Tritanopia
7175045

Trichromacy



Original Color
6586948

Protanomaly
7961666

Deuteranomaly
8484935

Tritanomaly
6979181

Monochromacy



Original Color
6586948

Achromatopsia
7500402

Achromatomaly
7174241

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6586948 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 #648244 looks like.

```
.text, #text, p{  
  color:#648244  
}
```

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 #648244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648244
}
```

Border

The CSS property to change the border of an element to Decimal 6586948 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
#648244 }
```

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

```
.border{ border-color:#648244 }
```

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

Here you see how a box with a 4 pixel #648244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648244; -webkit-box-shadow:4px 4px  
4px 4px #648244; box-shadow:4px 4px 4px  
4px #648244 }
```

Background

The CSS property to change the background color of an element to Decimal 6586948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648244 }
```

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

```
.background{ background-color:#648244 }
```

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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