

Converting Colors

Decimal(6593088)

Have a look what the booklet for
Decimal(6593088) contains.

Decimal(6593088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6593088)

Conversions

Conversions Part 1

Format	Color
Hex	649A40
RGB	100, 154, 64
RGB Percent	39%, 60%, 25%
CMY	0.6078, 0.3961, 0.7490
CMYK	0.35, 0.00, 0.58, 0.40
HSL	96°, 41%, 43%
HSV	96°, 58%, 60%
XYZ	17.7365, 26.1907, 8.9710
YIQ	127.5940, -3.2940, -39.4380

Conversions

Conversions Part 2

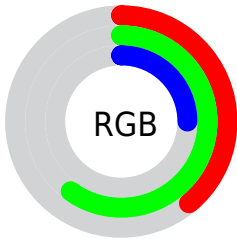
Format	Color
RYB	64, 154, 118
Decimal	6593088
CIELab	58.22, -34.18, 40.93
CIElCh	58, 53.327, 129.862
Yxy	26.1907, 0.3353, 0.4951
Android (android.graphics.Color)	4284783168 (0xFF649A40)
YUV	127.5940, -31.3518, -24.1999
Hunter-Lab	51.1768, -27.6961, 25.4306

Details

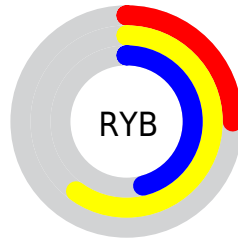
The Decimal color **6593088** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7749786**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **10146163**, and **3106315** is the 20% darker color. If you saturate the color by 10%, you get **6003249**, and if you desaturate by 10%, it is **7182927**.

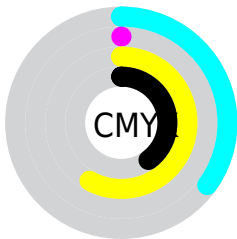
Distribution



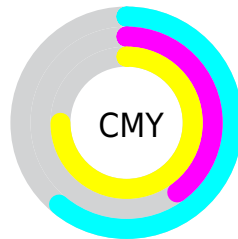
- Red (39%)
- Green (60%)
- Blue (25%)



- Red (25%)
- Yellow (60%)
- Blue (46%)



- Cyan (35%)
- Magenta (0%)
- Yellow (58%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6593088 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 6593088 by changing the saturation by 10% instead.



6593088



6593088

16777215



4882471



10146163



3106315



11988365



1265152



13828008



13824



15728580



8960



16777184



0

16777213



6593088



6593088



6003249



7182927

■ 5413409

■ 7772767

■ 4758034

■ 8428142

■ 4168194

■ 9017982

■ 4102656

■ 9607821

■ 10197660

■ 10853036

■ 11442875

■ 12032715

Harmonies

Analogous

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



9932584



6593088



41322

Triad

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



6593088



39651



14770558

Complementary

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



6593088



7749786

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.



13658029



6593088



5147880

Square

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



6593088



41415



10713556



14314578

Rectangle

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



6593088



41610



10713556



14639502

Sweetspot

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



6593088



11848101



10122816



5858896



15132390



6710886

Same Dimension

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



6593088



7719228



4233801



4738373



3705856



331008

Inverse Universe

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



7749786



9518281



10109073



4801869



5505164



524301

Previews

White Background



This preview shows how the Decimal color 6593088 looks on a white background.

Color Contrast Check

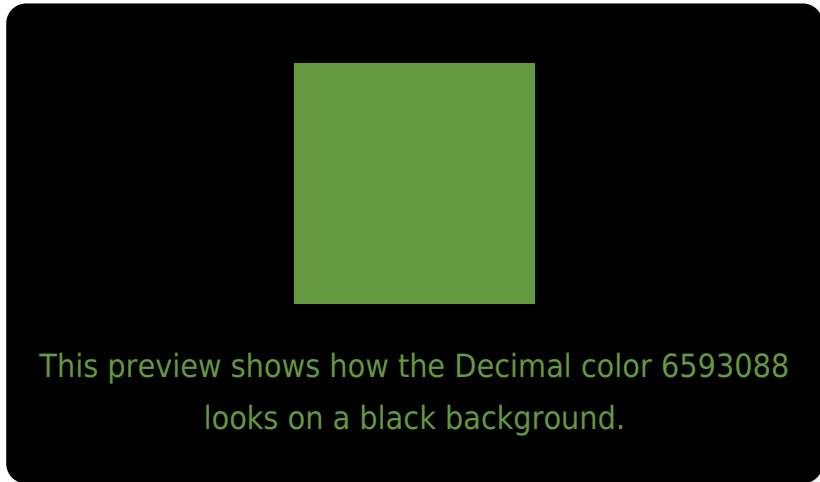
Large Text (above 18pt) WCAG AA ✓ Pass

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 6593088 Background



This preview shows how black text looks on a background with the Decimal color 6593088.



This preview shows how white text looks on a background with the Decimal color 6593088.

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
6593088

Protanopia
10193980

Deuteranopia
11240774



Tritanopia
7508380

Trichromacy



Original Color
6593088

Protanomaly
8884541

Deuteranomaly
9538884

Tritanomaly
7181435

Monochromacy



Original Color
6593088

Achromatopsia
8421504

Achromatomaly
7768425

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6593088 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 #649A40 looks like.

```
.text, #text, p{  
    color:#649A40  
}
```

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 #649A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649A40
}
```

Border

The CSS property to change the border of an element to Decimal 6593088 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
#649A40 }
```

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

```
.border{ border-color:#649A40 }
```

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

Here you see how a box with a 4 pixel #649A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649A40; -webkit-box-shadow:4px 4px  
4px 4px #649A40; box-shadow:4px 4px 4px  
4px #649A40 }
```

Background

The CSS property to change the background color of an element to Decimal 6593088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649A40 }
```

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

```
.background{ background-color:#649A40 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor