

Converting Colors

Decimal(6590494)

Have a look what the booklet for
Decimal(6590494) contains.

| | |
|--|----|
| Decimal(6590494) | 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(6590494)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 64901E |
| RGB | 100, 144, 30 |
| RGB Percent | 39%, 56%, 12% |
| CMY | 0.6078, 0.4353, 0.8824 |
| CMYK | 0.31, 0.00, 0.79, 0.44 |
| HSL | 83°, 66%, 34% |
| HSV | 83°, 79%, 56% |
| XYZ | 15.4631, 22.7496, 4.8044 |
| YIQ | 117.8480, 10.3700, -44.7820 |

Conversions

Conversions Part 2

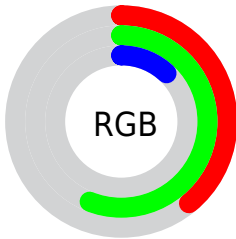
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 30, 144, 74 |
| Decimal | 6590494 |
| CIELab | 54.81, -32.28, 51.42 |
| CIElCh | 55, 60.709, 122.117 |
| Yxy | 22.7496, 0.3595, 0.5288 |
| Android (android.graphics.Color) | 4284780574 (0xFF64901E) |
| YUV | 117.8480, -43.3091, -15.6527 |
| Hunter-Lab | 47.6965, -25.5995, 27.4154 |

Details

The Decimal color **6590494** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4857488**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10143316**, and **3104000** is the 20% darker color. If you saturate the color by 10%, you get **6197264**, and if you desaturate by 10%, it is **6983724**.

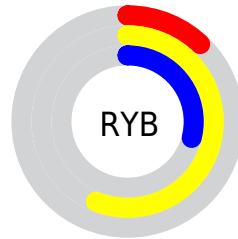
Distribution



Red (39%)

Green (56%)

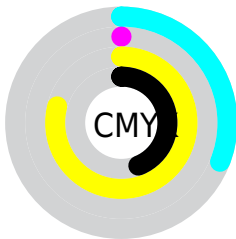
Blue (12%)



Red (12%)

Yellow (56%)

Blue (29%)

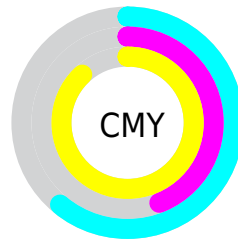


Cyan (31%)

Magenta (0%)

Yellow (79%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6590494 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 6590494 by changing the saturation by 10% instead.



6590494



6590494

16777215



4814336



10143316



3104000



11985519



1197312



13893513



11776



15794085



6400



16777153



0



16777181



16777210



6590494



6590494

■ 6197264

■ 6983724

■ 5869569

■ 7311419

■ 5804032

■ 7704649

■ 8032344

■ 8425574

■ 8753268

■ 9146499

■ 9474193

■ 9867424

Harmonies

Analogous

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



10060288



6590494



38991

Triad

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



6590494



38368



14634626

Complementary

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



6590494



4857488

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.



12934069



6590494



35053

Square

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



6590494



39866



8877021



14440526

Rectangle

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



6590494



39795



8877021



14307475

Sweetspot

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



6590494



11123341



9456158



5529155



14606046



6184542

Same Dimension

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



6590494



7780873



2854942



4540224



5474048



329728

Inverse Universe

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



4857488



5114298



8593040



4407367



3408007



196616

Previews

White Background



This preview shows how the Decimal color 6590494 looks on a white background.

Color Contrast Check

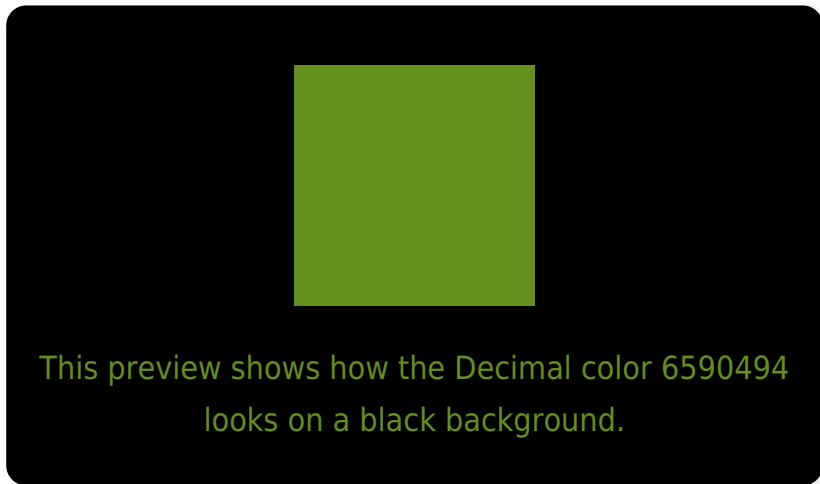
Large Text (above 18pt) WCAG AA ✓ Pass

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 6590494 Background



This preview shows how black text looks on a background with the Decimal color 6590494.



This preview shows how white text looks on a background with the Decimal color 6590494.

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](#).

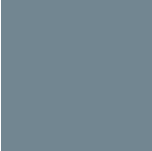
Dichromacy



Original Color
6590494

Protanopia
9667355

Deuteranopia
10779688



Tritanopia
7505553

Trichromacy



Original Color
6590494

Protanomaly
8554524

Deuteranomaly
9274148

Tritanomaly
7178855

Monochromacy



Original Color
6590494

Achromatopsia
7763574

Achromatomaly
7307094

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6590494 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 #64901E looks like.

```
.text, #text, p{  
    color:#64901E  
}
```

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 #64901E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64901E
}
```

Border

The CSS property to change the border of an element to Decimal 6590494 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
#64901E }
```

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

```
.border{ border-color:#64901E }
```

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

Here you see how a box with a 4 pixel #64901E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64901E; -webkit-box-shadow:4px 4px  
4px 4px #64901E; box-shadow:4px 4px 4px  
4px #64901E }
```

Background

The CSS property to change the background color of an element to Decimal 6590494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64901E }
```

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

```
.background{ background-color:#64901E }
```

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