

Converting Colors

Decimal(7569101)

Have a look what the booklet for
Decimal(7569101) contains.

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Color

Decimal(7569101)

Conversions

Conversions Part 1

Format	Color
Hex	737ECD
RGB	115, 126, 205
RGB Percent	45%, 49%, 80%
CMY	0.5490, 0.5059, 0.1961
CMYK	0.44, 0.39, 0.00, 0.20
HSL	233°, 47%, 63%
HSV	233°, 44%, 80%
XYZ	25.5505, 22.9743, 60.8454
YIQ	131.7170, -31.9150, 22.2370

Conversions

Conversions Part 2

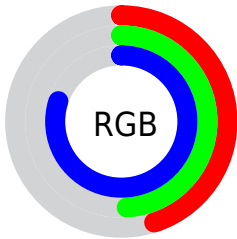
Format	Color
R _Y B	115, 125, 205
Decimal	7569101
CIE Lab	55.05, 16.46, -42.24
CIE LCh	55, 45.336, 291.291
Yxy	22.9743, 0.2336, 0.2101
Android (android.graphics.Color)	4285759181 (0xFF737ECD)
YUV	131.7170, 36.1285, -14.6608
Hunter-Lab	47.9315, 11.2716, -41.7121

Details

The Decimal color **7569101** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **13484659**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **11252479**, and **3952022** is the 20% darker color. If you saturate the color by 10%, you get **6188237**, and if you desaturate by 10%, it is **8949965**.

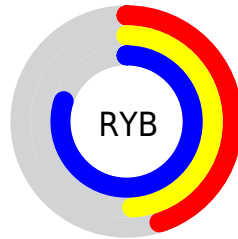
Distribution



Red (45%)

Green (49%)

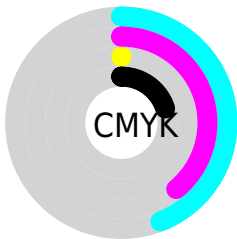
Blue (80%)



Red (45%)

Yellow (49%)

Blue (80%)

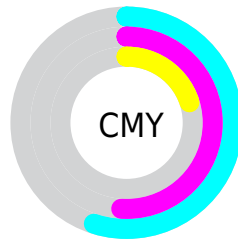


Cyan (44%)

Magenta (39%)

Yellow (0%)

Black (20%)



Cyan (55%)

Magenta (51%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7569101 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 7569101 by changing the saturation by 10% instead.

■ 7569101

■ 7569101

16777215

■ 5793201

■ 11252479

■ 3952022

■ 13094655

■ 1914748

■ 15002367

■ 8803

■ 3402

■ 1075

■ 541

■ 0

■ 7569101

■ 7569101

■ 6188237

■ 8949965

■ 4872909

■ 10265293

■ 3557581

■ 11646157

■ 2176717

■ 12961485

■ 795853

■ 14342349

■ 6605

■ 15657677

■ 16776397

■ 16777165

Harmonies

Analogous

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



35793



7569101



11103925

Triad

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



7569101



12611400



38775

Complementary

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



7569101



13484659

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.



5280337



7569101



10780211

Square

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



7569101



13460329



8358455



38815

Rectangle

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



7569101



12543646



8358455



1807977

Sweetspot

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



7569101



14607103



7589313



7040640



0



8421504

Same Dimension

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



7569101



7899391



9728973



6053222



5286



1318

Inverse Universe

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



13464446



16742536



11324787



6708317



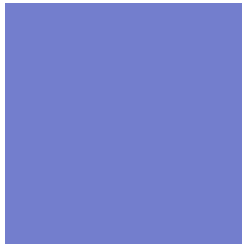
10878996



2490373

Previews

White Background



This preview shows how the Decimal color 7569101 looks on a white background.

Color Contrast Check

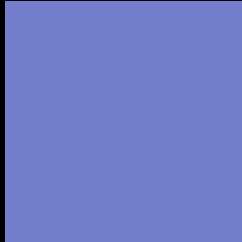
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7569101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

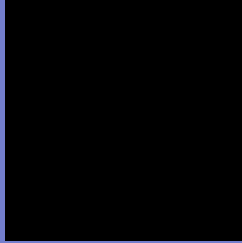
Any Text WCAG AA ✓ Pass

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 7569101 Background



This preview shows how black text looks on a background with the Decimal color 7569101.

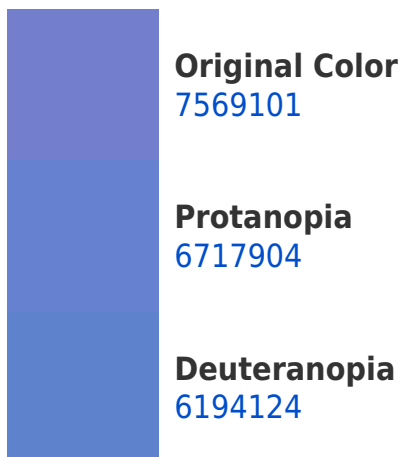


This preview shows how white text looks on a background with the Decimal color 7569101.

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](#).

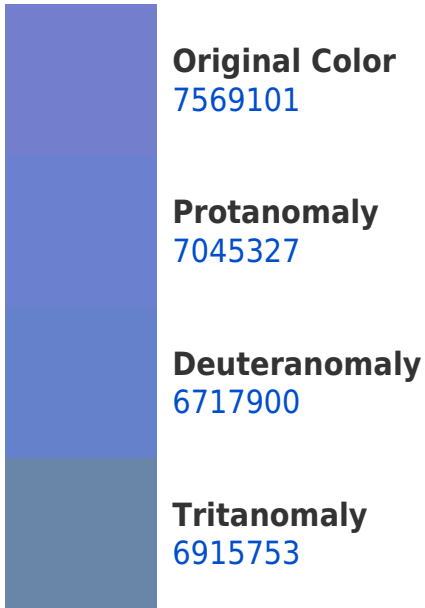
Dichromacy





Tritanopia
6589077

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7569101 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 #737ECD looks like.

```
.text, #text, p{  
    color:#737ECD  
}
```

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 #737ECD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737ECD
}
```

Border

The CSS property to change the border of an element to Decimal 7569101 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
#737ECD }
```

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

```
.border{ border-color:#737ECD }
```

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

Here you see how a box with a 4 pixel #737ECD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737ECD; -webkit-box-shadow:4px 4px  
4px 4px #737ECD; box-shadow:4px 4px 4px  
4px #737ECD }
```

Background

The CSS property to change the background color of an element to Decimal 7569101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737ECD }
```

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

```
.background{ background-color:#737ECD }
```

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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