

Converting Colors

Decimal(6513607)

Have a look what the booklet for
Decimal(6513607) contains.

Decimal(6513607)	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(6513607)

Conversions

Conversions Part 1

Format	Color
Hex	6363C7
RGB	99, 99, 199
RGB Percent	39%, 39%, 78%
CMY	0.6118, 0.6118, 0.2196
CMYK	0.50, 0.50, 0.00, 0.22
HSL	240°, 47%, 58%
HSV	240°, 50%, 78%
XYZ	19.9162, 15.6999, 56.0135
YIQ	110.4000, -32.1000, 31.1000

Conversions

Conversions Part 2

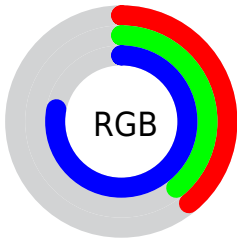
Format	Color
R_{YB}	99, 99, 199
Decimal	6513607
CIE _{Lab}	46.58, 27.25, -52.36
CIE _{LCh}	47, 59.025, 297.490
Yxy	15.6999, 0.2174, 0.1713
Android (android.graphics.Color)	4284703687 (0xFF6363C7)
YUV	110.4000, 43.6798, -9.9978
Hunter-Lab	39.6230, 20.3814, -56.0798

Details

The Decimal color **6513607** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13092707**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **10262271**, and **2504080** is the 20% darker color. If you saturate the color by 10%, you get **5197767**, and if you desaturate by 10%, it is **7829447**.

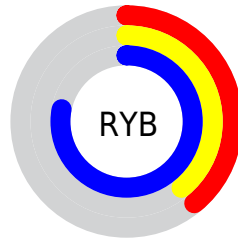
Distribution



Red (39%)

Green (39%)

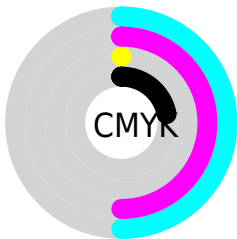
Blue (78%)



Red (39%)

Yellow (39%)

Blue (78%)

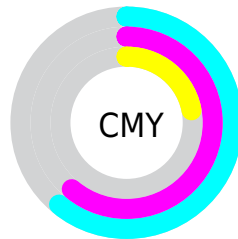


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (61%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6513607 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 6513607 by changing the saturation by 10% instead.

■ 6513607

■ 6513607

16777215

■ 4606891

■ 10262271

■ 2504080

■ 12103935

■ 8054

■ 14011647

■ 3165

■ 15984895

■ 68

■ 813

■ 280

■ 0

■ 6513607

■ 6513607

■ 5197767

■ 7829447

■ 3881927

■ 9145287

■ 2566087

■ 10461127

■ 1250247

■ 11776967

■ 199

■ 13092807

■ 14342855

■ 15658695

■ 16777159

Harmonies

Analogous

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



30418



6513607



10832804

Triad

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



6513607



11359766



33897

Complementary

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



6513607



13092707

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.



33077



6513607



9005824

Square

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



6513607



12795972



5798144



34203

Rectangle

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



6513607



12336517



5798144



33879

Sweetspot

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



6513607



14277119



6539207



6908288



0



8421504

Same Dimension

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



6513607



6711039



9790407



5921379



163



36

Inverse Universe

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



13067207



16738047



9815907



6511203



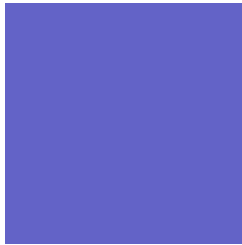
10682531



2359332

Previews

White Background



This preview shows how the Decimal color 6513607 looks on a white background.

Color Contrast Check

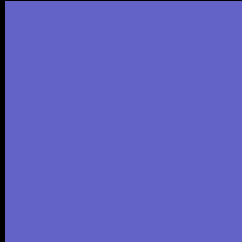
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6513607 looks on a 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 6513607 Background



This preview shows how black text looks on a background with the Decimal color 6513607.

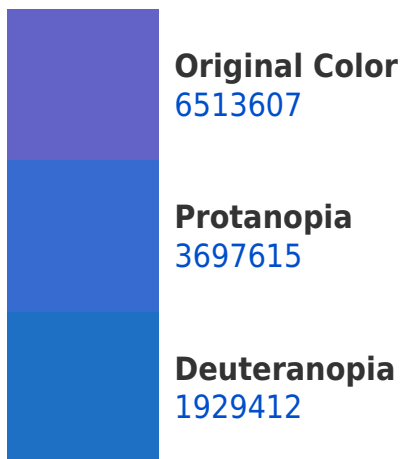


This preview shows how white text looks on a background with the Decimal color 6513607.

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



Trichromacy



Original Color
6513607

Protanomaly
4745420

Deuteranomaly
3566533

Tritanomaly
5533337

Monochromacy



Original Color
6513607

Achromatopsia
7237230

Achromatomaly
6974094

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6513607 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 #6363C7 looks like.

```
.text, #text, p{  
    color:#6363C7  
}
```

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 #6363C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6363C7
}
```

Border

The CSS property to change the border of an element to Decimal 6513607 is called "border". The border property can be set on classes, ids or directly on the HTML element.

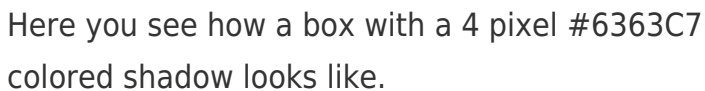
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6363C7 }
```

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

```
.border{ border-color:#6363C7 }
```

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



Here you see how a box with a 4 pixel #6363C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6363C7; -webkit-box-shadow:4px 4px  
4px 4px #6363C7; box-shadow:4px 4px 4px  
4px #6363C7 }
```

Background

The CSS property to change the background color of an element to Decimal 6513607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6363C7 }
```

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

```
.background{ background-color:#6363C7 }
```

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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