

Converting Colors

Decimal(3636401)

Have a look what the booklet for
Decimal(3636401) contains.

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Color

Decimal(3636401)

Conversions

Conversions Part 1

Format	Color
Hex	377CB1
RGB	55, 124, 177
RGB Percent	22%, 49%, 69%
CMY	0.7843, 0.5137, 0.3059
CMYK	0.69, 0.30, 0.00, 0.31
HSL	206°, 53%, 45%
HSV	206°, 69%, 69%
XYZ	16.7190, 18.4019, 44.2657
YIQ	109.4110, -58.1370, 1.8550

Conversions

Conversions Part 2

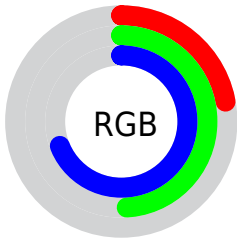
Format	Color
R_{YB}	55, 99, 177
Decimal	3636401
CIE _{Lab}	49.98, -4.24, -34.40
CIE _{LCh}	50, 34.663, 262.967
Yxy	18.4019, 0.2106, 0.2318
Android (android.graphics.Color)	4281826481 (0xFF377CB1)
YUV	109.4110, 33.3214, -47.7184
Hunter-Lab	42.8974, -5.5011, -31.1530

Details

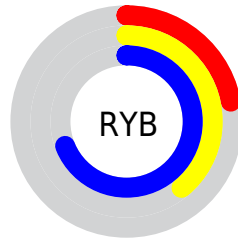
The Decimal color **3636401** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11627575**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **7581929**, and **19580** is the 20% darker color. If you saturate the color by 10%, you get **2454705**, and if you desaturate by 10%, it is **4818097**.

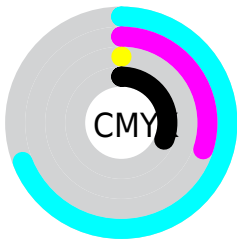
Distribution



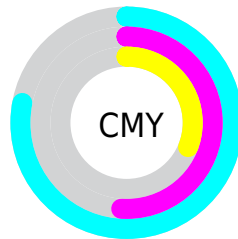
- Red (22%)
- Green (49%)
- Blue (69%)



- Red (22%)
- Yellow (39%)
- Blue (69%)



- Cyan (69%)
- Magenta (30%)
- Yellow (0%)
- Black (31%)



- Cyan (78%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3636401 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 3636401 by changing the saturation by 10% instead.

■ 3636401

■ 3636401

16777215

■ 680854

■ 7581929

■ 19580

■ 9489663

■ 13667

■ 11397375

■ 8267

■ 13303807

■ 1076

■ 15269887

■ 542

■ 0

■ 3636401

■ 3636401

■ 2454705

■ 4818097

■ 1338801

■ 5934001

■ 157105

■ 7115697

■ 25777

■ 8297393

■ 9413297

■ 10594993

■ 11776689

■ 12958385

■ 14074289

Harmonies

Analogous

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



33701



3636401



7303853

Triad

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



3636401



11493473



5276242

Complementary

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



3636401



11627575

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.



7502911



3636401



10840137

Square

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



3636401



11165823



9401148



2000495

Rectangle

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



3636401



9071266



9401148



6062410

Sweetspot

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



3636401



11915750



3649900



5662323



15921906



7566195

Same Dimension

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



3636401



2593766



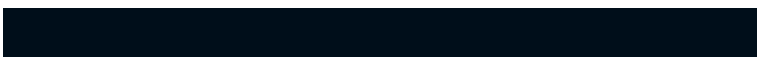
3620785



5264729



22425



3610

Inverse Universe

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



11614076



15083411



11643191



5853269



10027095



1703950

Previews

White Background



This preview shows how the Decimal color 3636401 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 3636401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

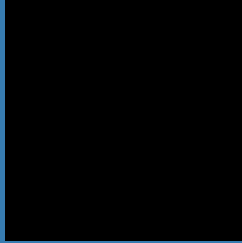
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

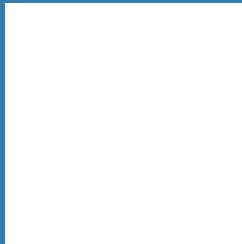
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 3636401 Background



This preview shows how black text looks on a background with the Decimal color 3636401.



This preview shows how white text looks on a background with the Decimal color 3636401.

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](#).

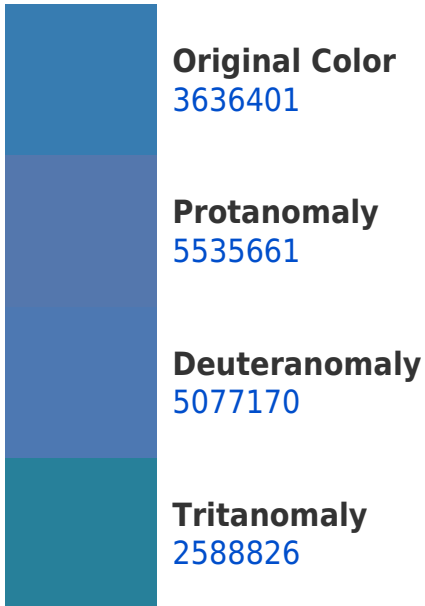
Dichromacy



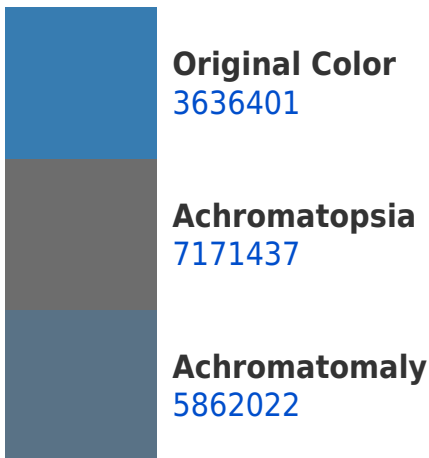


Tritanopia
1999757

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3636401 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 #377CB1 looks like.

```
.text, #text, p{  
    color:#377CB1  
}
```

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 #377CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #377CB1
}
```

Border

The CSS property to change the border of an element to Decimal 3636401 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
#377CB1 }
```

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

```
.border{ border-color:#377CB1 }
```

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

Here you see how a box with a 4 pixel #377CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #377CB1; -webkit-box-shadow:4px 4px  
4px 4px #377CB1; box-shadow:4px 4px 4px  
4px #377CB1 }
```

Background

The CSS property to change the background color of an element to Decimal 3636401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#377CB1 }
```

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

```
.background{ background-color:#377CB1 }
```

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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