

Converting Colors

Hex(646262)

Have a look what the booklet for
Hex(646262) contains.

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Color

Hex(646262)

Conversions

Conversions Part 1

Format	Color
Hex	646262
RGB	100, 98, 98
RGB Percent	39%, 38%, 38%
CMY	0.6078, 0.6157, 0.6157
CMYK	0.00, 0.02, 0.02, 0.61
HSL	0°, 1%, 39%
HSV	0°, 2%, 39%
XYZ	11.8278, 12.3265, 13.3111
YIQ	98.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

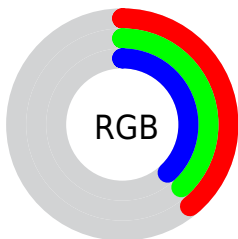
Format	Color
R_{YB}	100, 98, 98
Decimal	6578786
CIE _{Lab}	41.73, 0.79, 0.27
CIE _{LCh}	42, 0.835, 19.119
Yxy	12.3265, 0.3157, 0.3290
Android (android.graphics.Color)	4284768866 (0xFF646262)
YUV	98.5980, -0.2948, 1.2296
Hunter-Lab	35.1092, -1.3067, 2.0975

Details

The Hex color **646262** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **626464**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **979595**, and **353434** is the 20% darker color. If you saturate the color by 10%, you get **645858**, and if you desaturate by 10%, it is **646C6C**.

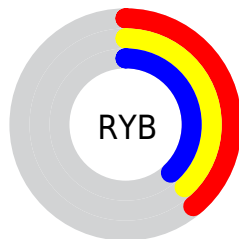
Distribution



Red (39%)

Green (38%)

Blue (38%)



Red (39%)

Yellow (38%)

Blue (38%)

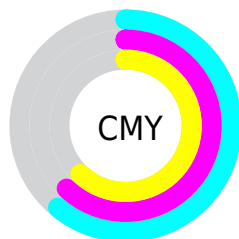


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646262 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 Hex color 646262 by changing the saturation by 10% instead.

■ 646262

■ 646262

FFFFFF

■ 4C4A4A

■ 979595

■ 353434

■ B1AFAF

■ 201F1F

■ CDCBCB

■ 090606

■ E9E7E7

■ 000000

■ 646262

■ 646262

■ 645858

■ 646C6C

■ 644E4E

■ 647676

■ 644444

■ 648080

■ 643A3A

■ 648A8A

■ 643030

■ 649494

■ 642626

■ 649E9E

■ 641C1C

■ 64A8A8

■ 641212

■ 64B2B2

■ 640808

■ 64BCBC

Harmonies

Analogous

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



646263



646262



646261

Triad

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



646262



626362



626364

Complementary

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



646262



626464

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.



616363



646262



616362

Square

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



646262



636361



616363



626264

Rectangle

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



646262



646261



616363



616364

Sweetspot

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



646262



828181



646264



424242



C2C2C2

Same Dimension

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



646262



827F7F



646362



333232



730000



F20000

Inverse Universe

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



626464



7F8282



626364



323333



007373



00F2F2

Previews

White Background



This preview shows how the Hex color 646262 looks on a white background.

Color Contrast Check

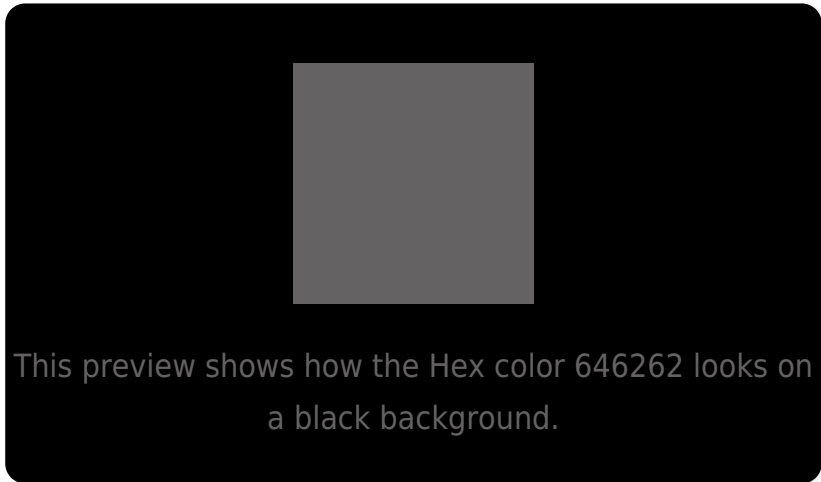
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

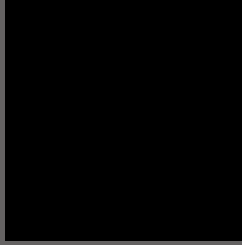
Any Text WCAG AA × Fail

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](#).

Hex 646262 Background



This preview shows how black text looks on a background with the Hex color 646262.



This preview shows how white text looks on a background with the Hex color 646262.

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

646262

Protanopia

646262

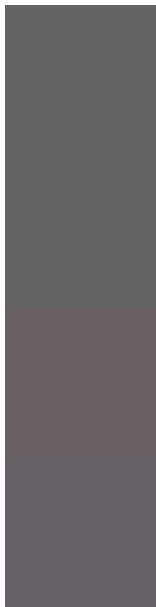
Deuteranopia

6C5F63



Tritanopia
656169

Trichromacy



Original Color

646262

Protanomaly

646262

Deuteranomaly

696063

Tritanomaly

656166

Monochromacy



Original Color

646262

Achromatopsia

636363

Achromatomaly

636363

CSS Examples

Text

The CSS property to change the color of the text to Hex 646262 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 #646262 looks like.

```
.text, #text, p{  
    color:#646262  
}
```

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 #646262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646262
}
```

Border

The CSS property to change the border of an element to Hex 646262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

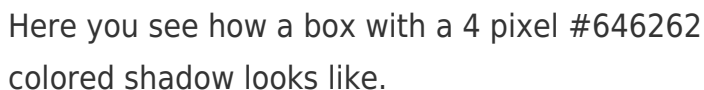
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646262 }
```

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

```
.border{ border-color:#646262 }
```

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



Here you see how a box with a 4 pixel #646262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646262; -webkit-box-shadow:4px 4px  
4px 4px #646262; box-shadow:4px 4px 4px  
4px #646262 }
```

Background

The CSS property to change the background color of an element to Hex 646262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646262 }
```

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

```
.background{ background-color:#646262 }
```

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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