

# Converting Colors

Hex(D62605)

Have a look what the booklet for  
Hex(D62605) contains.

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**Color**

**Hex(D62605)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D62605                     |
| RGB           | 214, 38, 5                 |
| RGB Percent   | 84%, 15%, 2%               |
| CMY           | 0.1608, 0.8510, 0.9804     |
| CMYK          | 0.00, 0.82, 0.98, 0.16     |
| HSL           | 9°, 95%, 43%               |
| HSV           | 9°, 98%, 84%               |
| XYZ           | 28.4521, 15.6933, 1.6731   |
| YIQ           | 86.8620, 115.4890, 27.0490 |

# Conversions

## Conversions Part 2

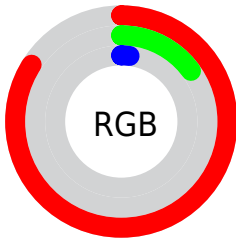
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">214, 44, 5</a>                  |
| Decimal                             | <a href="#">14034437</a>                    |
| CIELab                              | <a href="#">46.57, 64.78, 58.16</a>         |
| CIElCh                              | <a href="#">47, 87.053, 41.917</a>          |
| Yxy                                 | <a href="#">15.6933, 0.6210, 0.3425</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4292224517</a><br>(0xFFD62605)  |
| YUV                                 | <a href="#">86.8620, -40.3580, 111.5000</a> |
| Hunter-Lab                          | <a href="#">39.6148, 58.8760, 25.2263</a>   |

# Details

The Hex color **D62605** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **05B5D6**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF653B**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D62200**, and if you desaturate by 10%, it is **D6381A**.

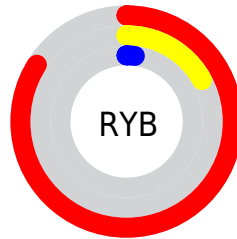
# Distribution



Red (84%)

Green (15%)

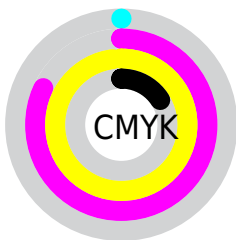
Blue (2%)



Red (84%)

Yellow (17%)

Blue (2%)

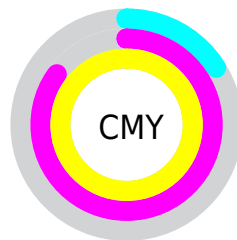


Cyan (0%)

Magenta (82%)

Yellow (98%)

Black (16%)



Cyan (16%)

Magenta (85%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D62605 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 D62605 by changing the saturation by 10% instead.



 D62605

 D62605

 FFFFF7

 B50000

 FF653B

 950000

 FF8254

 750000

 FF9F6E

 560001

 FFBC88

 390002

 FFD9A3

 110000

 FFF7BE

 000000

 FFFFDA

 D62605

 D62605

 D62200

 D6381A

 D64A30

 D65C45

 D66E5B

 D68070

 D69285

 D6A49B

 D6B6B0

 D6C8C6

# Harmonies

## Analogous

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



E80055



D62605



AA5A00

# Triad

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



D62605



00893D



006FFF

# Complementary

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



D62605



05B5D6

# 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.



0083FC



D62605



008B8B

# Square

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



D62605



008200



008BD0



9047DD

# Rectangle

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



D62605



836E00



008BD0



0078FF



# Sweetspot

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



D62605



FFC1B5



D605B7



805A53



000000



808080



# Same Dimension

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



D62605



FF2800



D68D05



6B6260



AB1B00



2B0700



# Inverse Universe

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



05B5D6



00D7FF



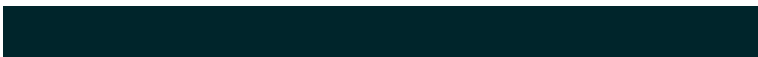
054ED6



60696B



0090AB



00252B



# Previews

## White Background



This preview shows how the Hex color D62605 looks on a white background.

## Color Contrast Check

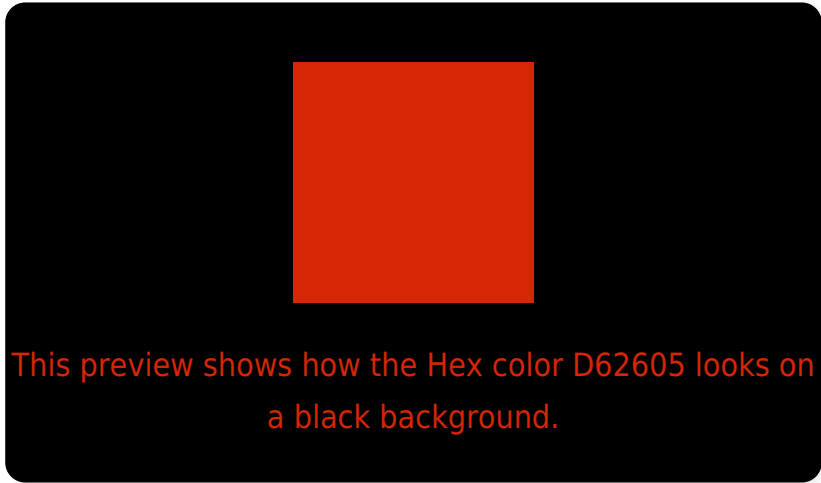
Large Text (above 18pt) WCAG AA ✓ Pass

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 D62605 Background



This preview shows how black text looks on a background with the Hex color D62605.



This preview shows how white text looks on a background with the Hex color D62605.

# 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**  
D62605

**Protanopia**  
7D701B

**Deuteranopia**  
8C6A00



**Tritanopia**  
D62422

# Trichromacy



**Original Color**  
D62605

**Protanomaly**  
9D5513

**Deuteranomaly**  
A75102

**Tritanomaly**  
D62517

# Monochromacy



**Original Color**  
D62605

**Achromatopsia**  
575757

**Achromatomaly**  
854539

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D62605 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 #D62605 looks like.

```
.text, #text, p{  
    color:#D62605  
}
```

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 #D62605 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D62605
}
```

## Border

The CSS property to change the border of an element to Hex D62605 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".

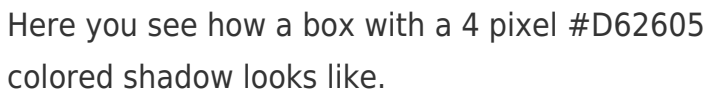
```
.border, #border, table{ border:4px solid
#D62605 }
```

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

```
.border{ border-color:#D62605 }
```

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

Here you see how a box with a 4 pixel #D62605 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D62605; -webkit-box-shadow:4px 4px  
4px 4px #D62605; box-shadow:4px 4px 4px  
4px #D62605 }
```

# Background

The CSS property to change the background color of an element to Hex D62605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D62605 }
```

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

```
.background{ background-color:#D62605 }
```

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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