

# Converting Colors

Hex(DC5224)

Have a look what the booklet for  
Hex(DC5224) contains.

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# Color

Hex(DC5224)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | DC5224                     |
| RGB         | 220, 82, 36                |
| RGB Percent | 86%, 32%, 14%              |
| CMY         | 0.1373, 0.6784, 0.8588     |
| CMYK        | 0.00, 0.63, 0.84, 0.14     |
| HSL         | 15°, 72%, 50%              |
| HSV         | 15°, 84%, 86%              |
| XYZ         | 32.8509, 21.3776, 4.0639   |
| YIQ         | 118.0180, 97.0140, 14.9500 |

# Conversions

## Conversions Part 2

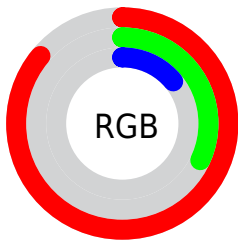
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">220, 97, 36</a>                     |
| Decimal                             | <a href="#">14438948</a>                        |
| CIELab                              | <a href="#">53.36, 51.92, 52.75</a>             |
| CIElCh                              | <a href="#">53, 74.018, 45.451</a>              |
| Yxy                                 | <a href="#">21.3776, 0.5636,<br/>0.3667</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4292629028<br/>(0xFFDC5224)</a>     |
| YUV                                 | <a href="#">118.0180, -40.4349,<br/>89.4382</a> |
| Hunter-Lab                          | <a href="#">46.2359, 45.9126,<br/>27.1538</a>   |

# Details

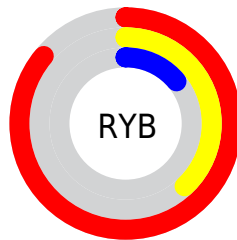
The Hex color **DC5224** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **24AEDC**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8855**, and **9D1600** is the 20% darker color. If you saturate the color by 10%, you get **DC420E**, and if you desaturate by 10%, it is **DC623A**.

# Distribution



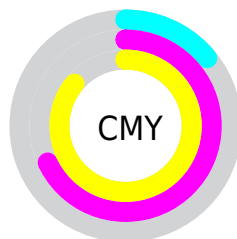
- Red (86%)
- Green (32%)
- Blue (14%)



- Red (86%)
- Yellow (38%)
- Blue (14%)



- Cyan (0%)
- Magenta (63%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (68%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC5224 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 DC5224 by changing the saturation by 10% instead.



 DC5224

 DC5224

FFFFFF

 BC3608

 FF8855

 9D1600

 FFA46F

 7E0000

 FFC089

 5F0000

 FFDDA4

 430001

 FFFBBF

 250001

 FFFFDC

 000000

 FFFFF8

 DC5224

 DC5224

■ DC420E

■ DC623A

■ DC3700

■ DC7350

■ DC8466

■ DC947C

■ DCA592

■ DCB5A8

■ DCC6BE

■ DCD6D4

■ DCE6EA

# Harmonies

## Analogous

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



EE3362



DC5224



B37100

# Triad

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



DC5224



00995D



007CFC

# Complementary

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



DC5224



24AEDC

# 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.



0090FC



DC5224



009BA0

# Square

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



DC5224



259315



0099DA



AA5DDA

# Rectangle

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



DC5224



908100



0099DA



0084FF



# Sweetspot

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



DC5224



FFCFBF



DC24AE



806359



000000



808080



# Same Dimension

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



DC5224



FF4000



DCAE24



6E6563



AD2B00



2E0B00



# Inverse Universe

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



24AEDC



00BFFF



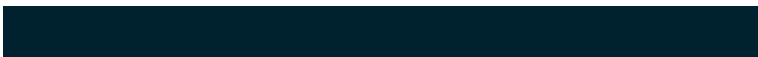
2452DC



636B6E



0082AD



00222E



# Previews

## White Background



This preview shows how the Hex color DC5224 looks on a white background.

## Color Contrast Check

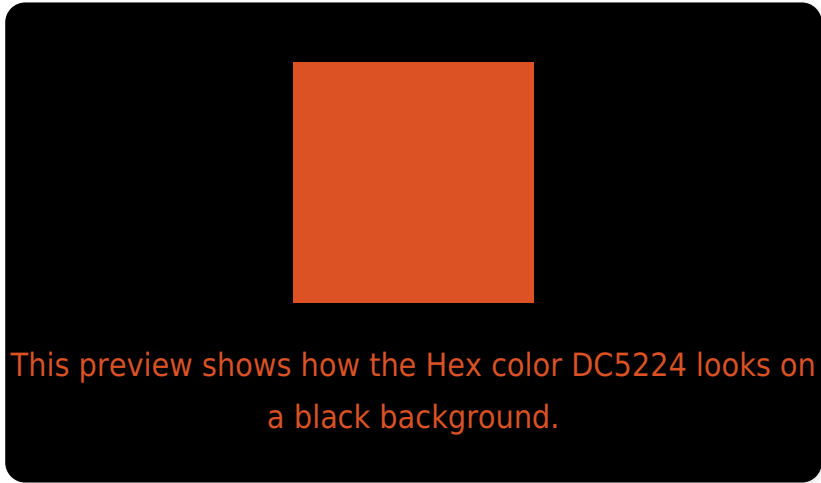
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex DC5224 Background



This preview shows how black text looks on a background with the Hex color DC5224.



This preview shows how white text looks on a background with the Hex color DC5224.

# 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**  
DC5224

**Protanopia**  
8F8030

**Deuteranopia**  
A27913



# Trichromacy



**Original Color**  
DC5224

**Protanomaly**  
AB6F2C

**Deuteranomaly**  
B76B19

**Tritanomaly**  
DD4F41

# Monochromacy



**Original Color**  
DC5224

**Achromatopsia**  
767676

**Achromatomaly**  
9B6958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC5224 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 #DC5224 looks like.

```
.text, #text, p{  
    color:#DC5224  
}
```

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 #DC5224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC5224
}
```

## Border

The CSS property to change the border of an element to Hex DC5224 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
#DC5224 }
```

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

```
.border{ border-color:#DC5224 }
```

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

Here you see how a box with a 4 pixel #DC5224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC5224; -webkit-box-shadow:4px 4px  
4px 4px #DC5224; box-shadow:4px 4px 4px  
4px #DC5224 }
```

# Background

The CSS property to change the background color of an element to Hex DC5224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC5224 }
```

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

```
.background{ background-color:#DC5224 }
```

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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