

Converting Colors

HunterLab(41.9458, 77.2639,
21.2039)

Have a look what the booklet for
HunterLab(41.9458, 77.2639,
21.2039) contains.

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Color

**HunterLab(42.8144, 74.0830,
21.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	ED003C
RGB	237, 0, 60
RGB Percent	93%, 0%, 24%
CMY	0.0706, 0.9998, 0.7647
CMYK	0.00, 1.00, 0.75, 0.07
HSL	345°, 100%, 46%
HSV	345°, 100%, 93%
XYZ	35.7406, 18.3307, 5.9294
YIQ	77.7030, 121.9920, 68.9040

Conversions

Conversions Part 2

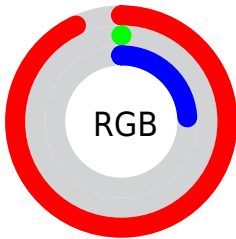
Format	Color
RYB	237, 0, 60
Decimal	15532092
CIELab	49.90, 76.86, 37.81
CIELCh	50, 85.653, 26.192
Yxy	18.3319, 0.5957, 0.3055
Android (android.graphics.Color)	4293722172 (0xFFED003C)
YUV	77.7030, -8.7276, 139.7035
Hunter-Lab	42.8144, 74.0830, 21.7590

Details

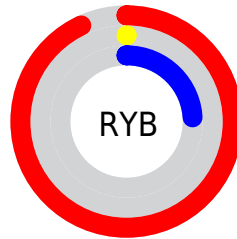
The HunterLab color **42.8144, 74.0830, 21.7590** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **79.8404, -54.2578, 17.3362**, and the grayscale version is **27.5061, -1.4677, 1.4945**.

A 20% lighter version of the original color is **55.0699, 58.8764, 19.9887**, and **29.6946, 51.0112, 17.9606** is the 20% darker color. If you saturate the color by 10%, you get **42.8137, 74.0807, 21.7668**, and if you desaturate by 10%, it is **43.8105, 72.4985, 18.5856**.

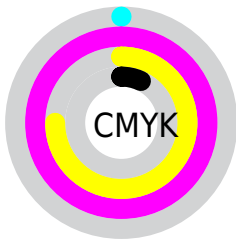
Distribution



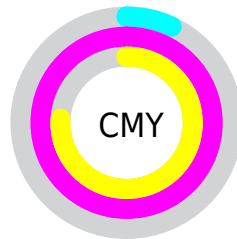
- Red (93%)
- Green (0%)
- Blue (24%)



- Red (93%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (7%)






- Cyan (7%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8144, 74.0830, 21.7590 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 HunterLab color 42.8144, 74.0830, 21.7590 by changing the saturation by 10% instead.

 42.8144, 74.0830, 21.7590	 42.8144, 74.0830, 21.7590
155.7996, 93.1485, 45.2312	 33.4493, 71.6912, 18.5680
 63.7197, 78.8649, 27.6134	 24.8873, 69.4794, 15.1327
 75.1649, 81.1687, 30.3464	 17.2142, 67.8024, 12.0499
 87.2235, 83.3884, 32.9833	 10.5479, 67.6991, 7.3836
 99.8658, 85.5184, 35.5420	0.0000, INF, NaN
	0.0000, INF, NaN
 113.0660, 87.5576, 38.0362	0.0000, NaN, NaN
 126.8014, 89.5073,	0.0000, NaN, NaN

40.4769

0.0000, NaN, NaN

141.0519, 91.3699,
42.8728

■ 42.8144, 74.0830,
21.7590

■ 42.8144, 74.0830,
21.7590

■ 42.8137, 74.0807,
21.7668

■ 43.8105, 72.4985,
18.5856

■ 45.7252, 68.4949,
15.2099

■ 48.7092, 61.9849,
12.0425

■ 52.7229, 53.6167,
9.3519

■ 57.6609, 44.1442,
7.2716

■ 63.3946, 34.1801,
5.8196

■ 69.7993, 24.1251,
4.9452

■ 76.7661, 14.1999,
4.5701

■ 84.2054, 4.5042,
4.6130

Harmonies

Analogous

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



42.8158, 84.9930, -2.0327



42.8144, 74.0830, 21.7590



42.8158, 40.7571, 28.5299

Triad

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



42.8158, 74.0776, 21.7599



42.8158, -44.3516, 24.5635



42.8158, -6.5646, -118.7318

Complementary

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



42.8144, 74.0830, 21.7590



79.8404, -54.2578, 17.3362

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.



42.8158, -33.0601, -88.9449



42.8144, 74.0830, 21.7590



42.8158, -50.1070, 6.2781

Square

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



42.8158, 74.0776, 21.7599



42.8158, -27.6031, 29.0833



42.8158, -46.7381, -35.4616



42.8158, 30.7509, -100.2693

Rectangle

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



42.8144, 74.0830, 21.7590



42.8158, 14.5537, 29.6951



42.8158, -46.7381, -35.4616



42.8158, -16.8696, -113.6673

Sweetspot

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



42.8158, 74.0776, 21.7599



75.7434, 26.3720, 5.3833



38.8498, 82.2611, -96.8947



33.6438, 14.3377, 2.6452

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.8158, 74.0776, 21.7599



46.5145, 80.4658, 23.7906



45.5738, 62.4529, 29.1735



38.8800, 1.8439, 2.1256



31.6631, 54.8420, 15.6689



8.9575, 15.6804, 3.1496

Inverse Universe

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



42.8158, 74.0776, 21.7599



46.5145, 80.4658, 23.7906



62.8118, -19.1076, -37.2580



38.8800, 1.8439, 2.1256



31.6631, 54.8420, 15.6689



8.9575, 15.6804, 3.1496

Previews

White Background



This preview shows how the HunterLab color 42.8144, 74.0830, 21.7590 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 HunterLab color 42.8144, 74.0830, 21.7590 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](#).

HunterLab 42.8144, 74.0830, 21.7590 Background



This preview shows how black text looks on a background with the HunterLab color 42.8144, 74.0830, 21.7590.



This preview shows how white text looks on a background with the HunterLab color 42.8144, 74.0830,

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

42.8144, 74.0830, 21.7590

Protanopia

43.4031, -3.5109, 13.4699

Deuteranopia

43.2711, 3.0993, 23.0328



Tritanopia

43.0877, 69.7289, 27.0966

Trichromacy



Original Color

42.8144, 74.0830, 21.7590

Protanomaly

37.4943, 30.2858, 11.9369

Deuteranomaly

38.6757, 35.2100, 19.4678

Tritanomaly

42.7875, 71.2928, 25.7200

Monochromacy



Original Color

42.8144, 74.0830, 21.7590

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.2319, 29.1928, 5.3882

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8144, 74.0830, 21.7590 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 `rgb(237, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 60)  
}
```

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 rgb(237, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8144, 74.0830, 21.7590 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 rgb(237, 0, 60) }
```


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

```
.border{ border-color:rgb(237, 0, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 0, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(237, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.8144, 74.0830, 21.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 60) }
```

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

```
.background{ background-color: rgb(237, 0,  
60) }
```

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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