

Converting Colors

HunterLab(42.4761, 72.7695,
27.2311)

Have a look what the booklet for
HunterLab(42.4761, 72.7695,
27.2311) contains.

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Color

**HunterLab(42.4446, 72.7136,
27.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	ED0005
RGB	237, 0, 5
RGB Percent	93%, 0%, 2%
CMY	0.0706, 0.9998, 0.9804
CMYK	0.00, 1.00, 0.98, 0.07
HSL	359°, 100%, 46%
HSV	359°, 100%, 93%
XYZ	34.9524, 18.0154, 1.7787
YIQ	71.4330, 139.6470, 51.7990

Conversions

Conversions Part 2

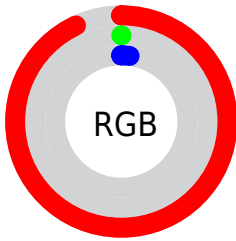
Format	Color
RYB	237, 0, 5
Decimal	15532037
CIELab	49.52, 75.82, 62.21
CIElCh	50, 98.078, 39.367
Yxy	18.0166, 0.6384, 0.3291
Android (android.graphics.Color)	4293722117 (0xFFED0005)
YUV	71.4330, -32.7515, 145.2023
Hunter-Lab	42.4446, 72.7136, 27.2266

Details

The HunterLab color **42.4446, 72.7136, 27.2266** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **81.4848, -44.3319, -6.1465**, and the grayscale version is **25.3446, -1.3523, 1.3770**.

A 20% lighter version of the original color is **54.2355, 56.3841, 29.7334**, and **29.2336, 50.0635, 18.8901** is the 20% darker color. If you saturate the color by 10%, you get **42.4443, 72.7127, 27.2287**, and if you desaturate by 10%, it is **43.2812, 70.4958, 26.3811**.

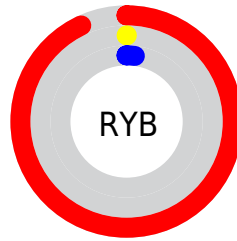
Distribution



Red (93%)

Green (0%)

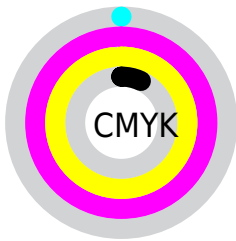
Blue (2%)



Red (93%)

Yellow (0%)

Blue (2%)

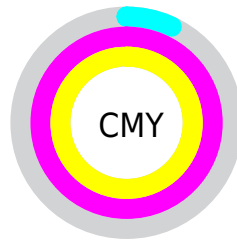


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (7%)



Cyan (7%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4446, 72.7136, 27.2266 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 42.4446, 72.7136, 27.2266 by changing the saturation by 10% instead.


 42.4446, 72.7136,
27.2266


 42.4446, 72.7136,
27.2266


 155.2304, 91.5687,
63.2691


 33.1088, 70.3344,
22.4348


 63.2974, 77.4577,
36.4146


 24.5789, 68.1289,
17.2052

 74.7186, 79.7392,
40.6817

 16.9416, 66.4495,
11.8591


 86.7545, 81.9351,
44.7693

 10.3166, 66.3408,
7.2216

 99.3751, 84.0405,
48.7024

0.0000, INF, NaN

0.0000, INF, NaN

 112.5545, 86.0546,
52.5024


0.0000, NaN, NaN


 126.2700, 87.9789,


0.0000, NaN, NaN


56.1872


0.0000, NaN, NaN


 140.5013, 89.8159,
59.7719


 42.4446, 72.7136,
27.2266


 42.4446, 72.7136,
27.2266


 42.4443, 72.7127,
27.2287

 43.2812, 70.4958,
26.3811

 45.0744, 65.9272,
24.7461

 47.9936, 58.9976,
22.4675

 52.0019, 50.4204,
19.8011

 56.9864, 40.9847,
17.0022

■ 62.8079, 31.3003,
14.2534

■ 69.3312, 21.7390,
11.6550

■ 76.4393, 12.4826,
9.2464

■ 84.0363, 3.5933,
7.0312

Harmonies

Analogous

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



42.4460, 100.0300, 12.3634



42.4446, 72.7136, 27.2266



42.4460, 27.5398, 29.7122

Triad

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



42.4460, 72.7080, 27.2273



42.4460, -52.1357, 20.5511



42.4460, 10.6487, -145.6719

Complementary

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



42.4446, 72.7136, 27.2266



81.4848, -44.3319, -6.1465

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.



42.4460, -25.6026, -133.4657



42.4446, 72.7136, 27.2266



42.4460, -53.8274, -11.0261

Square

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



42.4460, 72.7080, 27.2273



42.4460, -40.1447, 28.7796



42.4460, -46.0928, -72.4725



42.4460, 56.5786, -98.1965

Rectangle

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



42.4446, 72.7136, 27.2266



42.4460, -1.4355, 29.7122



42.4460, -46.0928, -72.4725



42.4460, -3.0923, -148.9583

Sweetspot

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



42.4460, 72.7080, 27.2273



75.2325, 23.7703, 12.7042



47.7392, 94.5553, -68.4336



33.3806, 13.0176, 6.4200

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.4460, 72.7080, 27.2273



46.1212, 79.0092, 29.6066



54.1231, 39.0839, 34.0327



38.8061, 1.4460, 3.1813



31.3657, 53.7411, 20.0633



8.7996, 15.0973, 5.4705

Inverse Universe

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



42.4460, 72.7080, 27.2273



46.1212, 79.0092, 29.6066



45.9847, 8.0388, -74.8257



38.8061, 1.4460, 3.1813



31.3657, 53.7411, 20.0633



8.7996, 15.0973, 5.4705

Previews

White Background



This preview shows how the HunterLab color 42.4446, 72.7136, 27.2266 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 42.4446, 72.7136, 27.2266 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 42.4446, 72.7136, 27.2266 Background



This preview shows how black text looks on a background with the HunterLab color 42.4446, 72.7136, 27.2266.



This preview shows how white text looks on a background with the HunterLab color 42.4446, 72.7136,

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

42.4446, 72.7136, 27.2266

Protanopia

43.1280, -5.9607, 24.6888

Deuteranopia

43.1439, 2.1963, 26.6235



Tritanopia

42.7036, 69.6778, 27.5336

Trichromacy



Original Color

42.4446, 72.7136, 27.2266

Protanomaly

37.2622, 28.3176, 22.2488

Deuteranomaly

38.3596, 33.7780, 24.1395

Tritanomaly

42.6044, 71.0770, 27.4170

Monochromacy



Original Color

42.4446, 72.7136, 27.2266

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.2817, 27.4367, 10.6081

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4446, 72.7136, 27.2266 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, 5)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 5)  
}
```

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, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4446, 72.7136, 27.2266 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, 5) }
```


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

```
.border{ border-color:rgb(237, 0, 5) }
```

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, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(237, 0, 5); box-shadow:4px  
4px 4px 4px rgb(237, 0, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4446, 72.7136, 27.2266 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, 5) }
```

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

```
.background{ background-color: rgb(237, 0,  
5) }
```

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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