

Converting Colors

HunterLab(27.2430, 4.2001,
-42.3232)

Have a look what the booklet for
HunterLab(27.2430, 4.2001,
-42.3232) contains.

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Color

**HunterLab(27.2430, 4.2001,
-42.3232)**

Conversions

Conversions Part 1

Format	Color
Hex	064D92
RGB	6, 77, 146
RGB Percent	2%, 30%, 57%
CMY	0.9764, 0.6980, 0.4274
CMYK	0.96, 0.47, 0.00, 0.43
HSL	210°, 92%, 30%
HSV	210°, 96%, 57%
XYZ	7.9173, 7.4218, 28.2094
YIQ	63.6370, -64.4650, 6.4070

Conversions

Conversions Part 2

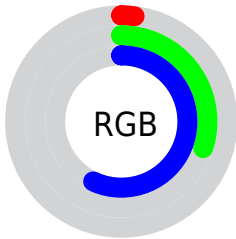
Format	Color
RYB	6, 53, 146
Decimal	413074
CIELab	32.75, 8.24, -43.45
CIELCh	33, 44.225, 280.742
Yxy	7.4220, 0.1818, 0.1704
Android (android.graphics.Color)	4278603154 (0xFF064D92)
YUV	63.6370, 40.6050, -50.5476
Hunter-Lab	27.2430, 4.2001, -42.3232

Details

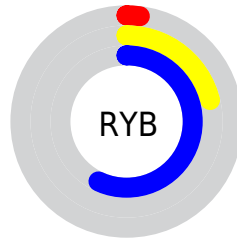
The HunterLab color **27.2430, 4.2001, -42.3232** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **33.4058, 18.5100, 20.6016**, and the grayscale version is **22.3982, -1.1951, 1.2169**.

A 20% lighter version of the original color is **45.5731, 4.5847, -43.7281**, and **14.0367, 8.9772, -36.9239** is the 20% darker color. If you saturate the color by 10%, you get **26.4142, 5.3989, -44.6702**, and if you desaturate by 10%, it is **29.3292, 1.4728, -36.8761**.

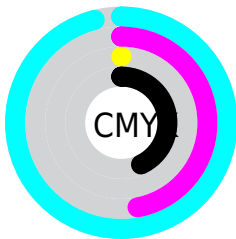
Distribution



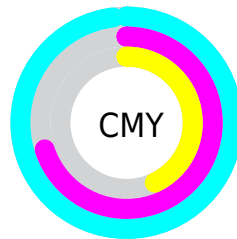
- Red (2%)
- Green (30%)
- Blue (57%)



- Red (2%)
- Yellow (21%)
- Blue (57%)



- Cyan (96%)
- Magenta (47%)
- Yellow (0%)
- Black (43%)



- Cyan (98%)
- Magenta (70%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.2430, 4.2001, -42.3232 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 27.2430, 4.2001, -42.3232 by changing the saturation by 10% instead.

■ 27.2430, 4.2001,
-42.3232

■ 27.2430, 4.2001,
-42.3232

■ 130.8150, 2.3174,
-47.7589

■ 19.3065, 4.0620,
-42.5106

■ 45.6260, 4.2044,
-43.2316

■ 12.3380, 3.8025,
-44.0004

■ 55.9346, 4.0956,
-43.8994

■ 5.5166, 6.2167,
-59.7841

■ 66.9203, 3.9248,
-44.5988

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 78.5438, 3.6980,
-45.2945

0.0000, NaN, NaN

■ 90.7717, 3.4203,
-45.9671

0.0000, NaN, NaN

■ 103.5757, 3.0955,

0.0000, NaN, NaN

-46.6057

0.0000, NaN, NaN

116.9307, 2.7270,
-47.2040

■ 27.2430, 4.2001,
-42.3232

■ 27.2430, 4.2001,
-42.3232

■ 26.4142, 5.3989,
-44.6702

■ 29.3292, 1.4728,
-36.8761

■ 31.6012, -0.7149,
-31.5620

■ 34.0520, -2.3577,
-26.4084

■ 36.6660, -3.4947,
-21.4417

■ 39.4278, -4.1764,
-16.6718

■ 42.3224, -4.4555,
-12.0961

■ 45.3368, -4.3820,
-7.7043

■ 48.4593, -4.0011,
-3.4820

■ 51.6797, -3.3526,
0.5871

Harmonies

Analogous

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



27.2434, -10.4278, -39.9001



27.2430, 4.2001, -42.3232



27.2434, 20.3285, -29.0506

Triad

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



27.2434, 4.2009, -42.3225



27.2434, 24.3697, 14.0921



27.2434, -23.8946, 9.1422

Complementary

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



27.2430, 4.2001, -42.3232



33.4058, 18.5100, 20.6016

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.



27.2434, -18.0058, 15.2459



27.2430, 4.2001, -42.3232



27.2434, 8.8539, 16.8285

Square

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



27.2434, 4.2009, -42.3225



27.2434, 33.5553, 6.1667



27.2434, -6.6843, 17.0903



27.2434, -24.6075, -4.2159

Rectangle

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



27.2430, 4.2001, -42.3232



27.2434, 28.9675, -15.8737



27.2434, -6.6843, 17.0903



27.2434, -22.5273, 11.8611

Sweetspot

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



27.2434, 4.2009, -42.3225



58.7124, -5.9071, -12.3706



45.9205, -35.3492, 19.3855



26.9740, -2.7992, -6.8856



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



27.2434, 4.2009, -42.3225



34.5964, 8.1125, -60.7551



15.1512, 36.5672, -96.4412



24.6777, -1.7543, -0.3684



24.8686, 4.8926, -41.6452



3.6692, -0.9715, -2.4891

Inverse Universe

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



26.0339, 45.3512, 0.8455



34.0869, 60.8353, 2.9536



50.9610, -12.7878, 30.9768



24.2106, 1.2500, 0.6265



24.1199, 43.1300, 1.4463



2.7777, 5.1649, -1.3682

Previews

White Background



This preview shows how the HunterLab color 27.2430, 4.2001, -42.3232 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 27.2430, 4.2001, -42.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

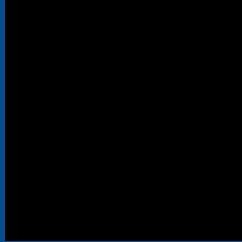
Any Text WCAG AA × Fail

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](#).

HunterLab 27.2430, 4.2001, -42.3232 Background



This preview shows how black text looks on a background with the HunterLab color 27.2430, 4.2001, -42.3232.



This preview shows how white text looks on a background with the HunterLab color 27.2430, 4.2001, -42.3232.

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

27.2430, 4.2001, -42.3232

Protanopia

27.4175, 7.1275, -40.0391

Deuteranopia

27.2524, 0.6688, -35.5069



Tritanopia

27.2230, -13.4384, -5.0168

Trichromacy



Original Color

27.2430, 4.2001, -42.3232

Protanomaly

27.3132, 5.6226, -41.2214

Deuteranomaly

27.1749, 2.0834, -38.1980

Tritanomaly

27.1056, -8.0046, -16.3336

Monochromacy



Original Color

27.2430, 4.2001, -42.3232

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.6178, -2.4476, -12.0740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.2430, 4.2001, -42.3232 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(6, 77, 146)` looks like.

```
.text, #text, p{  
    color:rgb(6, 77, 146)  
}
```

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(6, 77, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 77, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 27.2430, 4.2001, -42.3232 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(6, 77, 146) }
```


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

```
.border{ border-color:rgb(6, 77, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 77, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 77, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 77, 146);  
box-shadow:4px 4px 4px 4px rgb(6, 77, 146)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.2430, 4.2001, -42.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 77, 146) }
```

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

```
.background{ background-color: rgb(6, 77,  
146) }
```

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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