

Converting Colors

HunterLab(5.9988, 16.2717,
-42.6239)

Have a look what the booklet for
HunterLab(5.9988, 16.2717,
-42.6239) contains.

HunterLab(5.9907, 16.2497, -42.5662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(5.9907, 16.2497,
-42.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	00003F
RGB	0, 0, 63
RGB Percent	0%, 0%, 25%
CMY	1.0000, 1.0000, 0.7529
CMYK	1.00, 1.00, 0.00, 0.75
HSL	240°, 100%, 12%
HSV	240°, 100%, 25%
XYZ	0.8972, 0.3589, 4.7246
YIQ	7.1820, -20.2230, 19.5930

Conversions

Conversions Part 2

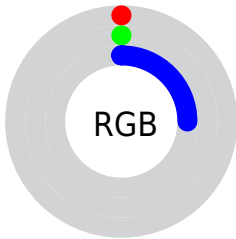
Format	Color
R_{YB}	0, 0, 63
Decimal	63
CIE Lab	3.24, 22.73, -37.10
CIE LCh	3, 43.515, 301.495
Yxy	0.3589, 0.1500, 0.0600
Android (android.graphics.Color)	4278190143 (0xFF00003F)
YUV	7.1820, 27.5183, -6.2986
Hunter-Lab	5.9907, 16.2497, -42.5662

Details

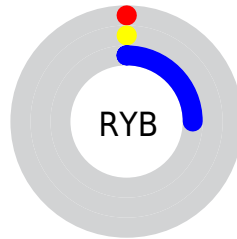
The HunterLab color **5.9907, 16.2497, -42.5662** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **21.4748, -5.7692, 13.1317**, and the grayscale version is **4.5867, -0.2447, 0.2492**.

A 20% lighter version of the original color is **19.7689, 14.3698, -33.5415**, and **2.5570, 3.9049, -11.6255** is the 20% darker color. If you saturate the color by 10%, you get **5.9909, 16.2499, -42.5646**, and if you desaturate by 10%, it is **7.3234, 12.6425, -33.3386**.

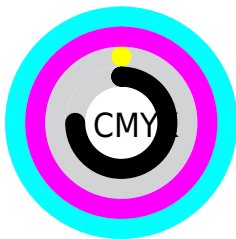
Distribution



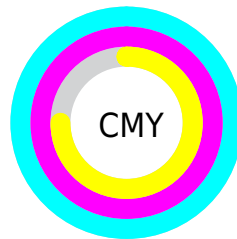
- Red (0%)
- Green (0%)
- Blue (25%)



- Red (0%)
- Yellow (0%)
- Blue (25%)



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



- Cyan (100%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 5.9907, 16.2497, -42.5662 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 5.9907, 16.2497, -42.5662 by changing the saturation by 10% instead.

■ 5.9907, 16.2497,
-42.5662

■ 5.9907, 16.2497,
-42.5662

■ 91.3898, 18.6775,
-37.2131

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 19.6761, 14.2987,
-33.3825

0.0000, NaN, NaN

■ 27.6577, 15.2727,
-33.6256

0.0000, NaN, NaN

■ 36.4970, 16.1043,
-34.1473

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 46.1177, 16.8122,
-34.7709

0.0000, NaN, NaN


■ 56.4607, 17.4122,
-35.4184


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 67.4787, 17.9166,


-36.0523


 79.1328, 18.3357,
-36.6537

 5.9907, 16.2497,
-42.5662

 5.9907, 16.2497,
-42.5662


 5.9909, 16.2499,
-42.5646

 7.3234, 12.6425,
-33.3386

 8.4805, 10.3383,
-27.4711

 9.7915, 8.2972,
-22.2972

 11.2782, 6.4574,
-17.6594

 12.9010, 4.8283,
-13.5784

■ 14.6310, 3.3829,
-9.9820

■ 16.4482, 2.0869,
-6.7796

■ 18.3380, 0.9089,
-3.8889

■ 20.2896, -0.1765,
-1.2428

Harmonies

Analogous

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



5.9909, 0.5058, -56.5266



5.9907, 16.2497, -42.5662



5.9909, 29.8303, -16.9488

Triad

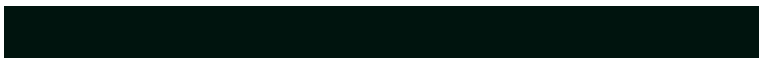
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5.9909, 16.2499, -42.5646



5.9909, 14.7851, 4.1936



5.9909, -10.4841, -0.4594

Complementary

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



5.9907, 16.2497, -42.5662



21.4748, -5.7692, 13.1317

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.



5.9909, -10.4841, 4.1936



5.9907, 16.2497, -42.5662



5.9909, -1.1457, 4.1936

Square

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



5.9909, 16.2499, -42.5646



5.9909, 28.7078, 4.1936



5.9909, -10.4841, 4.1936



5.9909, -10.4841, -19.3463

Rectangle

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



5.9907, 16.2497, -42.5662



5.9909, 34.8094, -4.1268



5.9909, -10.4841, 4.1936

Sweetspot

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



5.9909, 16.2499, -42.5646



21.0112, 2.9142, -9.3031



19.7836, -10.4883, -2.0865



10.5998, 1.6165, -5.0722



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



5.9909, 16.2499, -42.5646



7.7663, 21.0657, -55.1797



8.1118, 18.3158, -29.0530



10.7058, -0.1791, -0.4334



9.0249, 24.4796, -64.1225



22.9477, 62.2453, -163.0502

Inverse Universe

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



11.8979, 23.3915, -15.6905



15.4240, 30.3238, -20.3405



19.6320, -12.9185, 11.8710



10.9125, 0.5257, -0.1605



17.9237, 35.2381, -23.6368



45.5753, 89.6013, -60.1017

Previews

White Background



This preview shows how the HunterLab color 5.9907, 16.2497, -42.5662 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

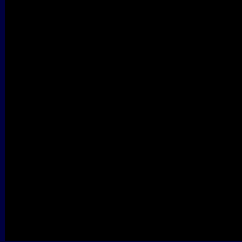
Any Text WCAG AA × Fail

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 5.9907, 16.2497, -42.5662 Background



This preview shows how black text looks on a background with the HunterLab color 5.9907, 16.2497, -42.5662.



This preview shows how white text looks on a background with the HunterLab color 5.9907, 16.2497,

-42.5662.

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

5.9907, 16.2497, -42.5662

Protanopia

7.6098, 0.3465, -10.2597

Deuteranopia

7.8110, -1.6793, -6.1379



Tritanopia

7.7088, -3.9277, -1.1567

Trichromacy



Original Color

5.9907, 16.2497, -42.5662

Protanomaly

6.7286, 5.5526, -20.3966

Deuteranomaly

6.8534, 3.5958, -16.3285

Tritanomaly

6.4917, 1.7789, -11.9543

Monochromacy



Original Color

5.9907, 16.2497, -42.5662

Achromatopsia

4.6094, -0.2459, 0.2504

Achromatomaly

4.3792, 4.2105, -11.2664

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 5.9907, 16.2497, -42.5662 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(0, 0, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 63)  
}
```

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(0, 0, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 5.9907, 16.2497, -42.5662 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(0, 0, 63) }
```


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

```
.border{ border-color:rgb(0, 0, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 63); box-shadow:4px  
4px 4px 4px rgb(0, 0, 63) }
```

Background

The CSS property to change the background color of an element to HunterLab 5.9907, 16.2497, -42.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 63) }
```

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

```
.background{ background-color: rgb(0, 0,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor