

Converting Colors

HunterLab(21.5087, 44.0189,
-41.7961)

Have a look what the booklet for
HunterLab(21.5087, 44.0189,
-41.7961) contains.

HunterLab(21.5004, 44.0687, -42.2964)	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(21.5004, 44.0687,
-42.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	6A0080
RGB	106, 0, 128
RGB Percent	42%, 0%, 50%
CMY	0.5843, 1.0000, 0.4980
CMYK	0.17, 1.00, 0.00, 0.50
HSL	290°, 100%, 25%
HSV	290°, 100%, 50%
XYZ	9.8401, 4.6227, 20.7957
YIQ	46.2860, 22.0880, 62.2800

Conversions

Conversions Part 2

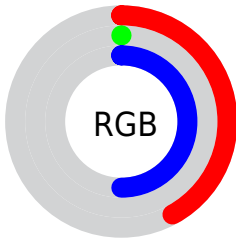
Format	Color
R_{YB}	106, 0, 128
Decimal	6946944
CIE _{Lab}	25.63, 55.33, -43.40
CIE _{LCh}	26, 70.320, 321.892
Yxy	4.6229, 0.2791, 0.1311
Android (android.graphics.Color)	4285137024 (0xFF6A0080)
YUV	46.2860, 40.2850, 52.3692
Hunter-Lab	21.5004, 44.0687, -42.2964

Details

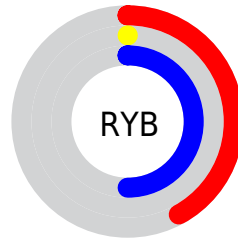
The HunterLab color **21.5004, 44.0687, -42.2964** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **39.5082, -32.7684, 23.7709**, and the grayscale version is **16.4904, -0.8799, 0.8960**.

A 20% lighter version of the original color is **38.6895, 48.3203, -43.1342**, and **11.4322, 24.3893, -29.9096** is the 20% darker color. If you saturate the color by 10%, you get **21.5005, 44.0688, -42.2963**, and if you desaturate by 10%, it is **22.4548, 42.1574, -39.3484**.

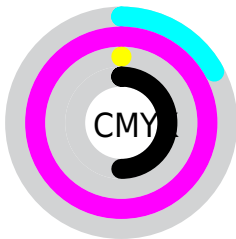
Distribution



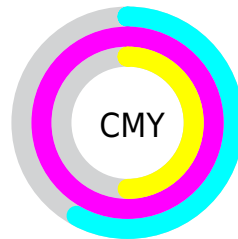
- Red (42%)
- Green (0%)
- Blue (50%)



- Red (42%)
- Yellow (0%)
- Blue (50%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5004, 44.0687, -42.2964 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 21.5004, 44.0687, -42.2964 by changing the saturation by 10% instead.

21.5004, 44.0687,
-42.2964

21.5004, 44.0687,
-42.2964

120.8803, 59.5848,
-47.2931

14.2398, 42.2026,
-43.2648

38.7278, 48.1318,
-42.7378

7.8962, 42.5537,
-48.1721

48.5260, 50.0749,
-43.3462

0.0000, INF, -NF

0.0000, NaN, -NF

59.0343, 51.9161,
-44.0281

0.0000, NaN, -NF

70.2076, 53.6507,
-44.7288

0.0000, NaN, NaN

82.0086, 55.2802,
-45.4187

0.0000, NaN, NaN

0.0000, NaN, NaN

94.4054, 56.8089,

-46.0816

0.0000, NaN, NaN

107.3706, 58.2420,
-46.7081

21.5004, 44.0687,
-42.2964

21.5004, 44.0687,
-42.2964

21.5005, 44.0688,
-42.2963

22.4548, 42.1574,
-39.3484

23.7080, 39.3542,
-35.7749

25.4068, 35.3586,
-31.3831

27.5235, 30.5219,
-26.4983

30.0130, 25.1875,
-21.4087

■ 32.8255, 19.6199,
-16.3164

■ 35.9142, 13.9925,
-11.3394

■ 39.2382, 8.4052,
-6.5328

■ 42.7635, 2.9078,
-1.9129

Harmonies

Analogous

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



21.5008, 17.2909, -81.5175



21.5004, 44.0687, -42.2964



21.5008, 59.9071, -5.4152

Triad

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



21.5008, 44.0681, -42.2952



21.5008, 5.2407, 15.0506



21.5008, -28.2249, -20.2721

Complementary

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



21.5004, 44.0687, -42.2964



39.5082, -32.7684, 23.7709

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.



21.5008, -29.2629, 6.1658



21.5004, 44.0687, -42.2964



21.5008, -14.9153, 15.0506

Square

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



21.5008, 44.0681, -42.2952



21.5008, 32.2340, 15.0506



21.5008, -25.5564, 14.8973



21.5008, -21.7296, -62.0293

Rectangle

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



21.5004, 44.0687, -42.2964



21.5008, 58.9632, 7.9937



21.5008, -25.5564, 14.8973



21.5008, -29.0774, -9.0469

Sweetspot

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



21.5008, 44.0681, -42.2952



47.3594, 19.0839, -15.4975



14.7993, 24.9059, -72.2615



22.1974, 10.5159, -8.6237



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.5008, 44.0681, -42.2952



28.4334, 58.3434, -56.4351



22.9893, 42.3954, -8.6059



20.9194, 1.1735, -0.7308



21.4109, 43.8843, -42.1136

0.0000, NaN, NaN

Inverse Universe

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



21.5575, 37.1855, 11.8465



28.5766, 49.2398, 16.1274



39.4909, -32.4451, 20.6798



20.8696, 0.7323, 1.3210



21.4665, 37.0303, 11.7914

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.5004, 44.0687, -42.2964 looks on a white background.

Color Contrast Check

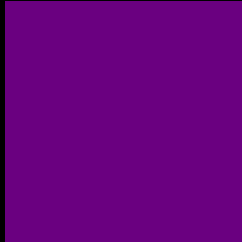
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5004, 44.0687, -42.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

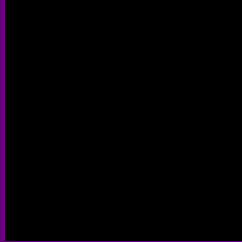
Any Text WCAG AA × Fail

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 21.5004, 44.0687, -42.2964 Background



This preview shows how black text looks on a background with the HunterLab color 21.5004, 44.0687, -42.2964.



This preview shows how white text looks on a background with the HunterLab color 21.5004, 44.0687, -42.2964.

-42.2964.

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

21.5004, 44.0687, -42.2964

Protanopia

22.5476, 6.6111, -42.4541

Deuteranopia

22.4018, 0.5164, -29.1151



Tritanopia

22.4373, 13.4821, 4.8395

Trichromacy



Original Color

21.5004, 44.0687, -42.2964

Protanomaly

18.6925, 20.6830, -55.1067

Deuteranomaly

18.3665, 16.6451, -45.7535

Tritanomaly

20.8241, 25.7655, -8.8813

Monochromacy



Original Color

21.5004, 44.0687, -42.2964

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.2157, 17.0606, -14.7095

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5004, 44.0687, -42.2964 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(106, 0, 128)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 128)  
}
```

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(106, 0, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5004, 44.0687, -42.2964 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(106, 0, 128) }
```


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

```
.border{ border-color:rgb(106, 0, 128) }
```

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

Here you see how a box with a 4 pixel rgb(106, 0, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 128);  
box-shadow:4px 4px 4px 4px rgb(106, 0,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.5004, 44.0687, -42.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 128) }
```

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

```
.background{ background-color: rgb(106, 0,  
128) }
```

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