

Converting Colors

HunterLab(21.2513, 41.3733,
-24.8705)

Have a look what the booklet for
HunterLab(21.2513, 41.3733,
-24.8705) contains.

HunterLab(21.2280, 41.3541, -25.0460)	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(21.2280, 41.3541,
-25.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	70006B
RGB	112, 0, 107
RGB Percent	44%, 0%, 42%
CMY	0.5608, 1.0000, 0.5804
CMYK	0.00, 1.00, 0.04, 0.56
HSL	303°, 100%, 22%
HSV	303°, 100%, 44%
XYZ	9.3359, 4.5063, 14.2877
YIQ	45.6860, 32.4050, 57.0210

Conversions

Conversions Part 2

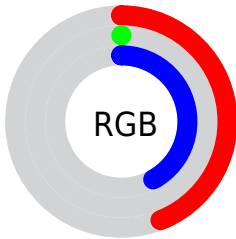
Format	Color
R_{YB}	112, 0, 107
Decimal	7340139
CIE _{Lab}	25.28, 52.77, -30.46
CIE _{LCh}	25, 60.929, 330.005
Yxy	4.5065, 0.3319, 0.1602
Android (android.graphics.Color)	4285530219 (0xFF70006B)
YUV	45.6860, 30.2278, 58.1574
Hunter-Lab	21.2280, 41.3541, -25.0460

Details

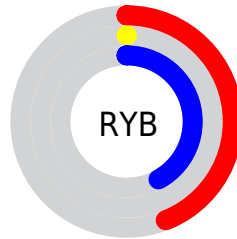
The HunterLab color **21.2280, 41.3541, -25.0460** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34.0580, -29.0894, 20.2268**, and the grayscale version is **16.3226, -0.8709, 0.8868**.

A 20% lighter version of the original color is **38.3836, 45.3760, -26.2204**, and **11.2979, 22.1428, -14.3646** is the 20% darker color. If you saturate the color by 10%, you get **21.2281, 41.3542, -25.0456**, and if you desaturate by 10%, it is **21.8198, 39.4047, -24.0379**.

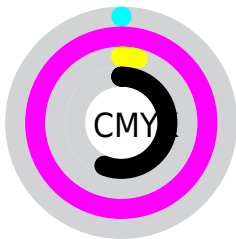
Distribution



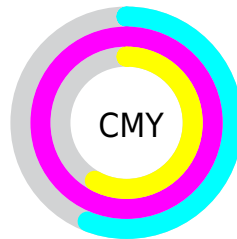
- Red (44%)
- Green (0%)
- Blue (42%)



- Red (44%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2280, 41.3541, -25.0460 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 21.2280, 41.3541, -25.0460 by changing the saturation by 10% instead.

21.2280, 41.3541,
-25.0460

21.2280, 41.3541,
-25.0460

120.3954, 56.2089,
-29.2374

14.0026, 39.4874,
-24.8342

38.3963, 45.3108,
-26.1231

7.6453, 40.1763,
-26.6066

48.1685, 47.1809,
-26.7039

0.0000, INF, -NF

0.0000, NaN, -NF

58.6526, 48.9442,
-27.2532

0.0000, NaN, NaN

69.8032, 50.5984,
-27.7564

0.0000, NaN, NaN

81.5826, 52.1466,
-28.2076

0.0000, NaN, NaN

0.0000, NaN, NaN

93.9588, 53.5939,

-28.6046

0.0000, NaN, NaN

106.9044, 54.9461,
-28.9475

21.2280, 41.3541,
-25.0460

21.2280, 41.3541,
-25.0460

21.2281, 41.3542,
-25.0456

21.8198, 39.4047,
-24.0379

22.6209, 36.8273,
-22.6022

23.7906, 33.2199,
-20.4649

25.3201, 28.8209,
-17.7722

27.1824, 23.9037,
-14.6983

■ 29.3423, 18.7086,
-11.4004

■ 31.7624, 13.4136,
-7.9979

■ 34.4077, 8.1339,
-4.5706

■ 37.2474, 2.9352,
-1.1665

Harmonies

Analogous

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



21.2285, 20.7178, -57.5040



21.2280, 41.3541, -25.0460



21.2285, 49.9815, 1.1585

Triad

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



21.2285, 41.3528, -25.0449



21.2285, -1.1370, 14.8600



21.2285, -24.6124, -25.0555

Complementary

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



21.2280, 41.3541, -25.0460



34.0580, -29.0894, 20.2268

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.



21.2285, -26.9095, 1.1525



21.2280, 41.3541, -25.0460



21.2285, -16.6487, 14.8600

Square

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



21.2285, 41.3528, -25.0449



21.2285, 20.7103, 14.8600



21.2285, -24.6139, 12.2970



21.2285, -16.6449, -57.5131

Rectangle

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



21.2280, 41.3541, -25.0460



21.2285, 46.0200, 10.0142



21.2285, -24.6139, 12.2970



21.2285, -25.9136, -14.7558

Sweetspot

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



21.2285, 41.3528, -25.0449



41.8326, 18.3359, -10.9604



10.9278, 29.4154, -75.9227



19.9777, 10.1119, -6.0970



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



21.2285, 41.3528, -25.0449



28.1275, 54.7818, -33.0838



19.2233, 34.2206, 2.3251



18.5769, 1.2004, -0.4114



22.8225, 44.4572, -26.9035



50.9036, 99.1059, -59.6011

Inverse Universe

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



21.2285, 41.3528, -25.0449



28.1275, 54.7818, -33.0838



34.5138, -26.2493, 13.5263



18.5769, 1.2004, -0.4114



22.8225, 44.4572, -26.9035



50.9036, 99.1059, -59.6011

Previews

White Background



This preview shows how the HunterLab color 21.2280, 41.3541, -25.0460 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

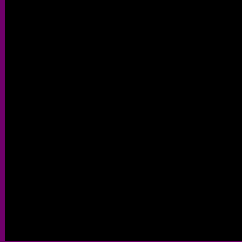
Any Text WCAG AA × Fail

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 21.2280, 41.3541, -25.0460 Background



This preview shows how black text looks on a background with the HunterLab color 21.2280, 41.3541, -25.0460.



This preview shows how white text looks on a background with the HunterLab color 21.2280, 41.3541, -25.0460.

-25.0460.

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

21.2280, 41.3541, -25.0460

Protanopia

22.2468, 6.7869, -42.4574

Deuteranopia

22.6273, 1.2546, -18.2959



Tritanopia

22.1575, 19.5935, 7.3533

Trichromacy



Original Color

21.2280, 41.3541, -25.0460

Protanomaly

18.2417, 18.4988, -48.2804

Deuteranomaly

19.4784, 17.4603, -26.7508

Tritanomaly

20.9508, 28.2553, -2.0722

Monochromacy



Original Color

21.2280, 41.3541, -25.0460

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.1189, 16.1825, -9.9004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2280, 41.3541, -25.0460 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(112, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 107)  
}
```

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(112, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2280, 41.3541, -25.0460 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(112, 0, 107) }
```


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

```
.border{ border-color:rgb(112, 0, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 0, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(112, 0,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2280, 41.3541, -25.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 107) }
```

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

```
.background{ background-color: rgb(112, 0,  
107) }
```

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