

Converting Colors

HunterLab(28.7361, 54.3801,
-21.4981)

Have a look what the booklet for
HunterLab(28.7361, 54.3801,
-21.4981) contains.

HunterLab(28.7280, 54.3515, -21.3892)	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(28.7280, 54.3515,
-21.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	99007D
RGB	153, 0, 125
RGB Percent	60%, 0%, 49%
CMY	0.4000, 0.9999, 0.5098
CMYK	0.00, 1.00, 0.18, 0.40
HSL	311°, 100%, 30%
HSV	311°, 100%, 60%
XYZ	16.8386, 8.2530, 20.1076
YIQ	59.9970, 51.0630, 71.3110

Conversions

Conversions Part 2

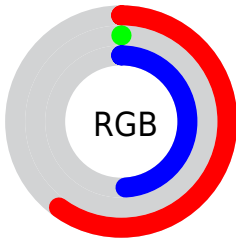
Format	Color
RYB	153, 0, 125
Decimal	10027133
CIELab	34.51, 63.13, -26.82
CIELCh	35, 68.585, 336.984
Yxy	8.2534, 0.3725, 0.1826
Android (android.graphics.Color)	4288217213 (0xFF99007D)
YUV	59.9970, 32.0465, 81.5636
Hunter-Lab	28.7280, 54.3515, -21.3892

Details

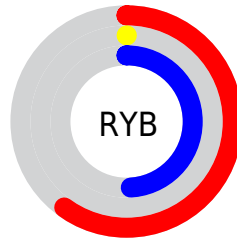
The HunterLab color **28.7280, 54.3515, -21.3892** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47.8191, -40.3777, 27.3955**, and the grayscale version is **21.1401, -1.1280, 1.1486**.

A 20% lighter version of the original color is **47.4468, 58.5144, -22.3720**, and **17.5020, 32.9540, -11.8012** is the 20% darker color. If you saturate the color by 10%, you get **28.7279, 54.3512, -21.3873**, and if you desaturate by 10%, it is **29.4556, 52.6569, -21.8963**.

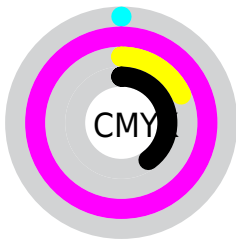
Distribution



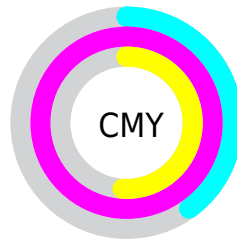
- Red (60%)
- Green (0%)
- Blue (49%)



- Red (60%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7280, 54.3515, -21.3892 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 28.7280, 54.3515, -21.3892 by changing the saturation by 10% instead.

■ 28.7280, 54.3515,
-21.3892

■ 28.7280, 54.3515,
-21.3892

■ 133.3065, 71.2284,
-24.6019

■ 20.6338, 52.2530,
-20.8667

■ 47.3854, 58.6927,
-22.4587

■ 13.4857, 50.5839,
-20.5247

■ 57.8161, 60.7728,
-22.9332

■ 7.0622, 54.4826,
-22.5121

■ 68.9165, 62.7586,
-23.3522

0.0000, INF, -NF

■ 80.6484, 64.6446,
-23.7135

0.0000, NaN, -NF

■ 92.9794, 66.4312,
-24.0174

0.0000, NaN, NaN

■ 105.8818, 68.1213,

0.0000, NaN, NaN

-24.2653

0.0000, NaN, NaN

119.3313, 69.7189,
-24.4595

28.7280, 54.3515,
-21.3892

28.7280, 54.3515,
-21.3892

28.7279, 54.3512,
-21.3873

29.4556, 52.6569,
-21.8963

30.5947, 49.6498,
-21.6166

32.2870, 45.0692,
-20.3324

34.5202, 39.2617,
-18.1767

37.2519, 32.6443,
-15.3519

■ 40.4255, 25.5847,
-12.0614

■ 43.9823, 18.3526,
-8.4723

■ 47.8681, 11.1192,
-4.7054

■ 52.0356, 3.9803,
-0.8409

Harmonies

Analogous

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



28.7287, 31.7643, -60.0843



28.7280, 54.3515, -21.3892



28.7287, 59.9805, 6.3986

Triad

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



28.7287, 54.3493, -21.3879



28.7287, -6.9244, 20.1101



28.7287, -29.8491, -39.2649

Complementary

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



28.7280, 54.3515, -21.3892



47.8191, -40.3777, 27.3955

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.



28.7287, -34.4515, -4.2917



28.7280, 54.3515, -21.3892



28.7287, -24.3276, 19.4311

Square

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



28.7287, 54.3493, -21.3879



28.7287, 18.7867, 20.1101



28.7287, -32.8283, 13.9629



28.7287, -17.4184, -75.0756

Rectangle

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



28.7280, 54.3515, -21.3892



28.7287, 52.1216, 15.1885



28.7287, -32.8283, 13.9629



28.7287, -32.1397, -26.2737

Sweetspot

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



28.7287, 54.3493, -21.3879



58.5579, 25.1467, -11.6363



15.8543, 41.6510, -102.2052



26.6341, 13.5718, -6.3507



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



28.7287, 54.3493, -21.3879



38.4119, 72.6186, -28.1785



26.4799, 46.2470, 10.1107



25.1082, 1.6499, -0.2606



26.1254, 49.4414, -19.5590



3.2636, 6.2886, -3.3141

Inverse Universe

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



28.7287, 54.3493, -21.3879



38.4119, 72.6186, -28.1785



48.7259, -34.7524, 14.1186



25.1082, 1.6499, -0.2606



26.1254, 49.4414, -19.5590



3.2636, 6.2886, -3.3141

Previews

White Background



This preview shows how the HunterLab color 28.7280, 54.3515, -21.3892 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 28.7280, 54.3515, -21.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

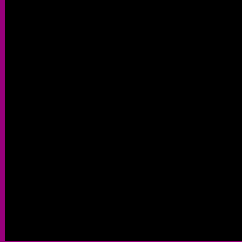
Any Text WCAG AA × Fail

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 28.7280, 54.3515, -21.3892 Background



This preview shows how black text looks on a background with the HunterLab color 28.7280, 54.3515, -21.3892.



This preview shows how white text looks on a background with the HunterLab color 28.7280, 54.3515, -21.3892.

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

28.7280, 54.3515, -21.3892

Protanopia

29.8362, 10.5164, -59.9946

Deuteranopia

29.8116, 2.0281, -15.0658



Tritanopia

29.4068, 32.0056, 12.1304

Trichromacy



Original Color

28.7280, 54.3515, -21.3892

Protanomaly

23.8685, 24.4868, -62.9926

Deuteranomaly

25.9366, 24.4153, -24.2105

Tritanomaly

28.1674, 41.3003, 2.5094

Monochromacy



Original Color

28.7280, 54.3515, -21.3892

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

20.9905, 22.0235, -10.3717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7280, 54.3515, -21.3892 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(153, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 125)  
}
```

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(153, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7280, 54.3515, -21.3892 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(153, 0, 125) }
```


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

```
.border{ border-color:rgb(153, 0, 125) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7280, 54.3515, -21.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 125) }
```

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

```
.background{ background-color: rgb(153, 0,  
125) }
```

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