

Converting Colors

HunterLab(16.3940, 56.5580,
-40.8032)

Have a look what the booklet for
HunterLab(16.3940, 56.5580,
-40.8032) contains.

HunterLab(20.2667, 40.1551, -29.1348)	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(20.2667, 40.1551,
-29.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	69006D
RGB	105, 0, 109
RGB Percent	41%, 0%, 43%
CMY	0.5882, 1.0000, 0.5725
CMYK	0.04, 1.00, 0.00, 0.57
HSL	298°, 100%, 21%
HSV	298°, 100%, 43%
XYZ	8.5860, 4.1074, 14.8083
YIQ	43.8210, 27.5910, 56.1590

Conversions

Conversions Part 2

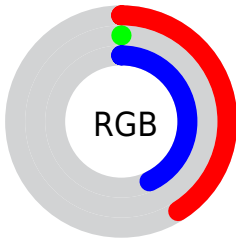
Format	Color
R_{YB}	105, 0, 109
Decimal	6881389
CIE _{Lab}	24.02, 51.83, -33.85
CIE _{LCh}	24, 61.904, 326.856
Yxy	4.1076, 0.3122, 0.1494
Android (android.graphics.Color)	4285071469 (0xFF69006D)
YUV	43.8210, 32.1332, 53.6540
Hunter-Lab	20.2667, 40.1551, -29.1348

Details

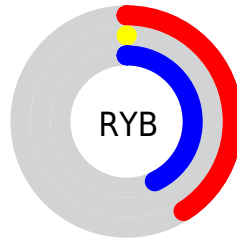
The HunterLab color **20.2667, 40.1551, -29.1348** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **33.1107, -28.1917, 19.9088**, and the grayscale version is **15.7044, -0.8379, 0.8533**.

A 20% lighter version of the original color is **37.3406, 44.0201, -29.7585**, and **10.5886, 21.3152, -17.8228** is the 20% darker color. If you saturate the color by 10%, you get **20.2668, 40.1553, -29.1347**, and if you desaturate by 10%, it is **20.9020, 38.1610, -27.4920**.

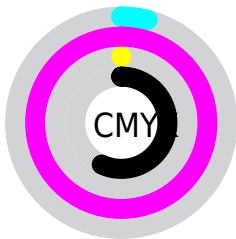
Distribution



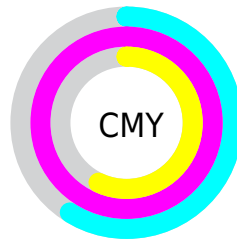
- Red (41%)
- Green (0%)
- Blue (43%)



- Red (41%)
- Yellow (0%)
- Blue (43%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (59%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2667, 40.1551, -29.1348 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 20.2667, 40.1551, -29.1348 by changing the saturation by 10% instead.

20.2667, 40.1551,
-29.1348

20.2667, 40.1551,
-29.1348

118.6719, 54.8480,
-33.7411

13.1678, 38.3260,
-29.2345

37.2220, 44.0774,
-30.1001

6.6744, 41.9282,
-33.9664

46.9011, 45.9317,
-30.7163

0.0000, INF, -NF

57.2985, 47.6782,
-31.3260

0.0000, NaN, -NF

68.3676, 49.3146,
-31.9040

0.0000, NaN, NaN

80.0698, 50.8443,
-32.4385

0.0000, NaN, NaN

92.3727, 52.2725,

0.0000, NaN, NaN

-32.9240

0.0000, NaN, NaN

105.2482, 53.6051,
-33.3583

20.2667, 40.1551,
-29.1348

20.2667, 40.1551,
-29.1348

20.2668, 40.1553,
-29.1347

20.9020, 38.1610,
-27.4920

21.7314, 35.5974,
-25.4593

22.9175, 32.0486,
-22.7478

24.4488, 27.7562,
-19.5350

26.2977, 22.9870,
-16.0123

■ 28.4293, 17.9694,
-12.3409

■ 30.8075, 12.8694,
-8.6355

■ 33.3987, 7.7923,
-4.9674

■ 36.1737, 2.7970,
-1.3746

Harmonies

Analogous

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



20.2672, 18.4962, -62.1570



20.2667, 40.1551, -29.1348



20.2672, 50.6998, -0.9243

Triad

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



20.2672, 40.1541, -29.1337



20.2672, 0.9876, 14.1870



20.2672, -24.6617, -22.1207

Complementary

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



20.2667, 40.1551, -29.1348



33.1107, -28.1917, 19.9088

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.



20.2672, -26.3811, 2.9407



20.2667, 40.1551, -29.1348



20.2672, -15.2400, 14.1870

Square

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



20.2672, 40.1541, -29.1337



20.2672, 23.3848, 14.1870



20.2672, -23.6960, 12.6376



20.2672, -17.6093, -56.0681

Rectangle

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



20.2667, 40.1551, -29.1348



20.2672, 47.8994, 8.8878



20.2672, -23.6960, 12.6376



20.2672, -25.7343, -11.9933

Sweetspot

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



20.2672, 40.1541, -29.1337



40.9469, 17.7933, -11.9701



11.0572, 26.1682, -70.3081



19.2602, 9.6147, -6.5224



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



20.2672, 40.1541, -29.1337



27.0979, 53.7019, -39.0472



18.9133, 34.1099, -1.1295



17.7722, 1.1102, -0.4885



21.9131, 43.4201, -31.5233



49.3781, 97.8876, -71.3946

Inverse Universe

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



18.0559, 30.9679, 11.2904



24.1522, 41.4089, 15.2380



33.4060, -26.2707, 14.9570



17.6590, 0.4708, 1.3582



19.5247, 33.4850, 12.2419



44.0411, 75.4665, 28.1118

Previews

White Background



This preview shows how the HunterLab color 20.2667, 40.1551, -29.1348 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 20.2667, 40.1551, -29.1348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

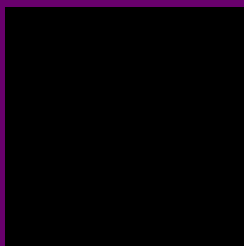
Any Text WCAG AA × Fail

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 20.2667, 40.1551, -29.1348 Background



This preview shows how black text looks on a background with the HunterLab color 20.2667, 40.1551, -29.1348.



This preview shows how white text looks on a background with the HunterLab color 20.2667, 40.1551, -29.1348.

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

20.2667, 40.1551, -29.1348

Protanopia

21.4083, 5.9095, -39.5155

Deuteranopia

21.4566, 1.2402, -21.4919



Tritanopia

21.2642, 16.4614, 6.1841

Trichromacy



Original Color

20.2667, 40.1551, -29.1348

Protanomaly

17.6924, 17.6901, -47.2753

Deuteranomaly

18.4412, 16.8894, -31.3094

Tritanomaly

19.9505, 26.2217, -3.9797

Monochromacy



Original Color

20.2667, 40.1551, -29.1348

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.5117, 15.4945, -11.0740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2667, 40.1551, -29.1348 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(105, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(105, 0, 109)  
}
```

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(105, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 0, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2667, 40.1551, -29.1348 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(105, 0, 109) }
```


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

```
.border{ border-color:rgb(105, 0, 109) }
```

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

Here you see how a box with a 4 pixel rgb(105, 0, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(105, 0,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.2667, 40.1551, -29.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 0, 109) }
```

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

```
.background{ background-color: rgb(105, 0,  
109) }
```

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