

Converting Colors

HunterLab(40.7392, 20.8704,
-42.8219)

Have a look what the booklet for
HunterLab(40.7392, 20.8704,
-42.8219) contains.

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Color

**HunterLab(40.6863, 20.9221,
-43.0736)**

Conversions

Conversions Part 1

Format	Color
Hex	7664BB
RGB	118, 100, 187
RGB Percent	46%, 39%, 73%
CMY	0.5372, 0.6078, 0.2667
CMYK	0.37, 0.47, 0.00, 0.27
HSL	252°, 39%, 56%
HSV	252°, 47%, 73%
XYZ	20.9980, 16.5538, 49.1022
YIQ	115.3000, -17.1990, 30.8730

Conversions

Conversions Part 2

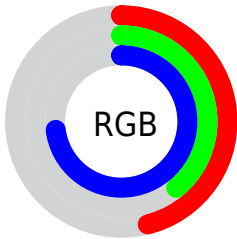
Format	Color
R_{YB}	118, 100, 187
Decimal	7759035
CIE _{Lab}	47.69, 27.72, -43.56
CIE _{LCh}	48, 51.630, 302.478
Yxy	16.5544, 0.2423, 0.1910
Android (android.graphics.Color)	4285949115 (0xFF7664BB)
YUV	115.3000, 35.3481, 2.3679
Hunter-Lab	40.6863, 20.9221, -43.0736

Details

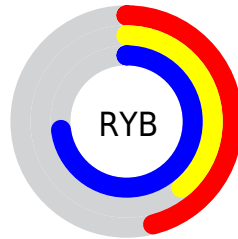
The HunterLab color $40.6863, 20.9221, -43.0736$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $67.0044, -20.2007, 30.2653$, and the grayscale version is $41.3947, -2.2087, 2.2491$.

A 20% lighter version of the original color is $61.2773, 22.7693, -44.6548$, and $23.1592, 18.7170, -42.2113$ is the 20% darker color. If you saturate the color by 10%, you get $35.2299, 27.2580, -56.9363$, and if you desaturate by 10%, it is $46.5658, 15.0235, -30.9041$.

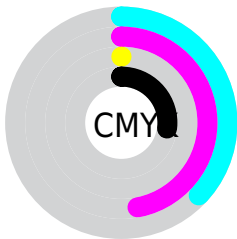
Distribution



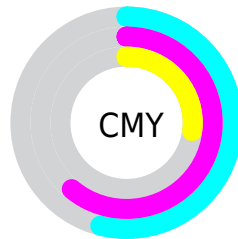
- Red (46%)
- Green (39%)
- Blue (73%)



- Red (46%)
- Yellow (39%)
- Blue (73%)



- Cyan (37%)
- Magenta (47%)
- Yellow (0%)
- Black (27%)



- Cyan (54%)
- Magenta (61%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6863, 20.9221, -43.0736 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 40.6863, 20.9221, -43.0736 by changing the saturation by 10% instead.

40.6863, 20.9221,
-43.0736

40.6863, 20.9221,
-43.0736

152.5093, 25.7176,
-48.6632

31.4917, 19.9105,
-42.5983

61.2845, 22.5879,
-44.3907

23.1174, 18.7607,
-42.4769

72.5901, 23.2674,
-45.0924

15.6543, 17.4621,
-43.1806

84.5163, 23.8579,
-45.7799

9.2289, 16.0495,
-46.1200

97.0324, 24.3675,
-46.4383

0.0000, INF, -NF

0.0000, NaN, -NF

110.1117, 24.8030,
-47.0594

0.0000, NaN, -NF

123.7310, 25.1700,

0.0000, NaN, NaN

-47.6386

0.0000, NaN, NaN

137.8697, 25.4735,
-48.1735

■ 40.6863, 20.9221,
-43.0736

■ 40.6863, 20.9221,
-43.0736

■ 35.2299, 27.2580,
-56.9363

■ 46.5658, 15.0235,
-30.9041

■ 30.3156, 33.9858,
-72.6727

■ 52.7810, 9.5121,
-20.1218

■ 26.1121, 40.8001,
-89.9452

■ 59.2726, 4.3151,
-10.4287

■ 22.8295, 46.8874,
-107.2108

■ 65.9972, -0.6362,
-1.5800

■ 20.6426, 50.9743,
-121.4223

■ 72.9227, -5.3990,
6.6152

■ 20.0331, 52.2165,
-125.8844

■ 80.0248, -10.0186,
14.3030

■ 87.2846, -14.5305,
21.5946

■ 94.6870, -18.9620,
28.5751

■ 97.8296, -16.6829,
31.4971

Harmonies

Analogous

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



40.6870, -0.4757, -54.9048



40.6863, 20.9221, -43.0736



40.6870, 38.4446, -18.8930

Triad

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



40.6870, 20.9220, -43.0724



40.6870, 17.4321, 23.2746



40.6870, -34.2291, 0.5803

Complementary

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



40.6863, 20.9221, -43.0736



67.0044, -20.2007, 30.2653

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.



40.6870, -31.2708, 15.8840



40.6863, 20.9221, -43.0736



40.6870, -3.8432, 24.5640

Square

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



40.6870, 20.9220, -43.0724



40.6870, 36.1684, 17.5084



40.6870, -21.0447, 22.7109



40.6870, -30.0904, -23.1234

Rectangle

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



40.6863, 20.9221, -43.0736



40.6870, 44.0822, -2.9398



40.6870, -21.0447, 22.7109



40.6870, -34.0317, 6.7722

Sweetspot

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



40.6870, 20.9220, -43.0724



81.3644, 4.2268, -11.1470



59.0740, -17.1859, -11.0857



37.2770, 2.6696, -6.4758



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



40.6870, 20.9220, -43.0724



46.8814, 36.8144, -76.9552



45.0215, 33.0389, -33.5935



30.5253, 0.3556, -1.9131



16.7054, 43.4060, -103.9140



3.7107, 8.9641, -17.8307

Inverse Universe

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



47.4806, 38.0089, -16.9489



58.4943, 62.6627, -27.4650



63.9565, -31.8515, 27.6748



31.0830, 2.1305, -0.2974



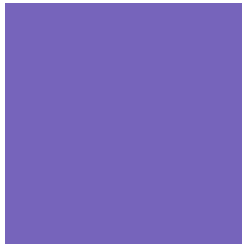
29.6139, 55.7479, -19.8809



5.9347, 11.2934, -4.9256

Previews

White Background



This preview shows how the HunterLab color 40.6863, 20.9221, -43.0736 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 × Fail

Black Background



This preview shows how the HunterLab color 40.6863, 20.9221, -43.0736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

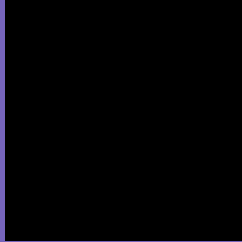
Any Text WCAG AA × Fail

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 40.6863, 20.9221, -43.0736 Background



This preview shows how black text looks on a background with the HunterLab color 40.6863, 20.9221, -43.0736.



This preview shows how white text looks on a background with the HunterLab color 40.6863, 20.9221, -43.0736.

-43.0736.

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

40.6863, 20.9221, -43.0736

Protanopia

40.7908, 9.4755, -51.4784

Deuteranopia

40.9846, 3.1653, -40.2914



Tritanopia

40.8164, -3.7407, -2.6140

Trichromacy



Original Color

40.6863, 20.9221, -43.0736

Protanomaly

40.4128, 13.1817, -48.8857

Deuteranomaly

40.5787, 8.8534, -41.9041

Tritanomaly

40.6321, 4.2311, -15.1678

Monochromacy



Original Color

40.6863, 20.9221, -43.0736

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

40.9731, 4.9112, -11.1312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6863, 20.9221, -43.0736 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(118, 100, 187)` looks like.

```
.text, #text, p{  
    color:rgb(118, 100, 187)  
}
```

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(118, 100, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 100, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6863, 20.9221, -43.0736 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(118, 100, 187) }
```


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

```
.border{ border-color:rgb(118, 100, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 100, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 100, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 100, 187);  
box-shadow:4px 4px 4px 4px rgb(118, 100,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6863, 20.9221, -43.0736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 100, 187) }
```

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

```
.background{ background-color: rgb(118,  
100, 187) }
```

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](#).

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