

# Converting Colors

HunterLab(20.3758, 18.7157,  
-23.6944)

Have a look what the booklet for  
HunterLab(20.3758, 18.7157,  
-23.6944) contains.

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# Color

**HunterLab(20.3758, 18.7157,  
-23.6944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C2A66
RGB	76, 42, 102
RGB Percent	30%, 16%, 40%
CMY	0.7020, 0.8353, 0.6000
CMYK	0.25, 0.59, 0.00, 0.60
HSL	274°, 42%, 28%
HSV	274°, 59%, 40%
XYZ	6.2067, 4.1517, 13.0446
YIQ	59.0060, 1.0040, 25.8680

# Conversions

## Conversions Part 2

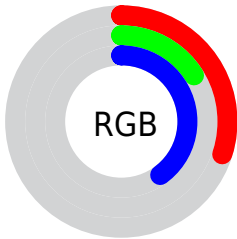
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 42, 102
Decimal	4991590
CIE <sub>Lab</sub>	24.17, 28.21, -29.34
CIE <sub>LCh</sub>	24, 40.705, 313.878
Yxy	4.1519, 0.2652, 0.1774
Android (android.graphics.Color)	4283181670 (0xFF4C2A66)
YUV	59.0060, 21.1960, 14.9037
Hunter-Lab	20.3758, 18.7157, -23.6944

# Details

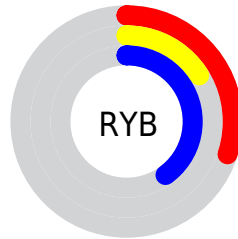
The HunterLab color **20.3758, 18.7157, -23.6944** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **33.0135, -16.9341, 16.1121**, and the grayscale version is **20.8446, -1.1122, 1.1325**.

A 20% lighter version of the original color is **37.3587, 20.9827, -24.4413**, and **7.4287, 16.4349, -23.9823** is the 20% darker color. If you saturate the color by 10%, you get **18.2848, 22.1899, -29.1051**, and if you desaturate by 10%, it is **22.7094, 15.1164, -18.5609**.

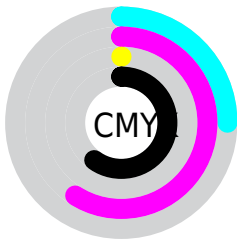
# Distribution



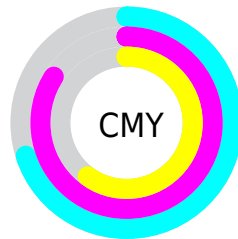
- Red (30%)
- Green (16%)
- Blue (40%)



- Red (30%)
- Yellow (16%)
- Blue (40%)



- Cyan (25%)
- Magenta (59%)
- Yellow (0%)
- Black (60%)



- Cyan (70%)
- Magenta (84%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3758, 18.7157, -23.6944 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 20.3758, 18.7157, -23.6944 by changing the saturation by 10% instead.



20.3758, 18.7157,  
-23.6944

20.3758, 18.7157,  
-23.6944

118.8683, 25.6298,  
-27.7332

13.2623, 17.3454,  
-23.4777

37.3555, 21.0206,  
-24.7623

6.7923, 18.6168,  
-26.5534

47.0453, 21.9726,  
-25.3293

0.0000, INF, -NF

0.0000, NaN, -NF

57.4526, 22.8094,  
-25.8611

0.0000, NaN, NaN

68.5310, 23.5432,  
-26.3444

0.0000, NaN, NaN

80.2421, 24.1842,  
-26.7739

0.0000, NaN, NaN

0.0000, NaN, NaN

92.5534, 24.7410,

-27.1481

0.0000, NaN, NaN

105.4370, 25.2209,  
-27.4674

20.3758, 18.7157,  
-23.6944

20.3758, 18.7157,  
-23.6944

18.2848, 22.1899,  
-29.1051

22.7094, 15.1164,  
-18.5609

16.4834, 25.3370,  
-34.6147

25.2433, 11.5078,  
-13.7684

15.0208, 27.8554,  
-39.8745

27.9445, 7.9449,  
-9.3123

13.7645, 30.0544,  
-45.1390

30.7869, 4.4489,  
-5.1597

13.6121, 30.3585,  
-45.8334

33.7499, 1.0231,  
-1.2686

■ 36.8175, -2.3376,  
2.4027

■ 39.9769, -5.6418,  
5.8915

■ 43.2179, -8.8988,  
9.2297

■ 46.5324, -12.1174,  
12.4441

# Harmonies

## Analogous

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



20.3762, 5.0959, -36.7007



20.3758, 18.7157, -23.6944



20.3762, 28.0241, -6.4401

# Triad

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



20.3762, 18.7154, -23.6937



20.3762, 6.1341, 13.7417



20.3762, -19.7676, -5.2752

# Complementary

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



20.3758, 18.7157, -23.6944



33.0135, -16.9341, 16.1121

# 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.



20.3762, -19.6199, 6.5559



20.3758, 18.7157, -23.6944



20.3762, -6.6129, 13.8257

# Square

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



20.3762, 18.7154, -23.6937



20.3762, 19.6339, 11.5263



20.3762, -15.3841, 11.7556



20.3762, -15.8536, -22.4064



# Rectangle

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



20.3758, 18.7157, -23.6944



20.3762, 29.3909, 2.6162



20.3762, -15.3841, 11.7556



20.3762, -20.1551, -0.5227

# Sweetspot

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



20.3762, 18.7154, -23.6937



40.8889, 5.7516, -6.6706



23.6346, -0.4233, -16.9782



19.4614, 3.2704, -3.7951



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739



# Same Dimension

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



20.3762, 18.7154, -23.6937



23.1584, 31.2160, -41.6247



23.1574, 25.0870, -14.8765



16.8314, 0.5275, -0.6519



15.3518, 34.3156, -52.2905



34.3041, 77.4782, -123.0365



# Inverse Universe

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



22.1318, 20.5568, -0.6534



26.3394, 33.4531, 0.0575



31.9254, -21.2073, 14.5005



16.9243, 0.6958, 0.6029



19.6363, 34.7883, 3.6914

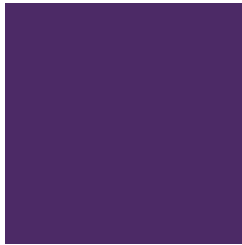


44.6552, 78.7561, 11.1603



# Previews

## White Background



This preview shows how the HunterLab color 20.3758, 18.7157, -23.6944 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 20.3758, 18.7157, -23.6944 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 20.3758, 18.7157, -23.6944 Background



This preview shows how black text looks on a background with the HunterLab color 20.3758, 18.7157, -23.6944.



This preview shows how white text looks on a background with the HunterLab color 20.3758, 18.7157, -23.6944.

-23.6944.

# 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

20.3758, 18.7157, -23.6944

### Protanopia

20.4926, 5.7761, -35.0765

### Deuteranopia

20.6777, 0.8906, -21.0902



## Tritanopia

20.5159, 3.5727, 1.1359

# Trichromacy



## Original Color

20.3758, 18.7157, -23.6944

## Protanomaly

19.8177, 9.0250, -32.6234

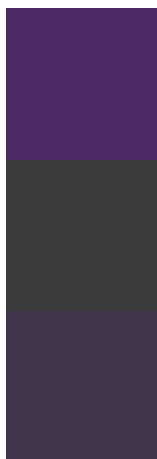
## Deuteranomaly

20.0604, 6.3199, -23.1624

## Tritanomaly

20.3797, 8.5592, -6.1401

# Monochromacy



## Original Color

20.3758, 18.7157, -23.6944

## Achromatopsia

20.9129, -1.1159, 1.1362

## Achromatomaly

20.4402, 5.4752, -6.6175

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 20.3758, 18.7157, -23.6944 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(76, 42, 102)` looks like.

```
.text, #text, p{  
  color:rgb(76, 42, 102)  
}
```

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(76, 42, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 42, 102) }
```

## Border

The CSS property to change the border of an element to HunterLab 20.3758, 18.7157, -23.6944 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(76, 42, 102) }
```



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

```
.border{ border-color:rgb(76, 42, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 42, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 42, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 42, 102);  
box-shadow:4px 4px 4px 4px rgb(76, 42,  
102) }
```

# Background

The CSS property to change the background color of an element to HunterLab 20.3758, 18.7157, -23.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 42, 102) }
```

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

```
.background{ background-color: rgb(76, 42,  
102) }
```

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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