

Converting Colors

HunterLab(20.0691, 35.4898,
4.2793)

Have a look what the booklet for
HunterLab(20.0691, 35.4898,
4.2793) contains.

HunterLab(20.0091, 35.3745, 4.3387)	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(20.0091, 35.3745,
4.3387)**

Conversions

Conversions Part 1

Format	Color
Hex	750031
RGB	117, 0, 49
RGB Percent	46%, 0%, 19%
CMY	0.5412, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.58, 0.54
HSL	335°, 100%, 23%
HSV	335°, 100%, 46%
XYZ	7.8905, 4.0036, 3.2626
YIQ	40.5690, 54.0030, 40.0430

Conversions

Conversions Part 2

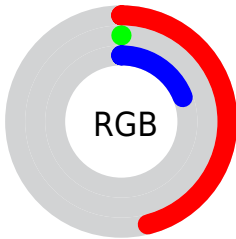
Format	Color
R_YB	117, 0, 49
Decimal	7667761
CIE Lab	23.68, 47.07, 6.30
CIE LCh	24, 47.486, 7.625
Yxy	4.0039, 0.5206, 0.2642
Android (android.graphics.Color)	4285857841 (0xFF750031)
YUV	40.5690, 4.1565, 67.0300
Hunter-Lab	20.0091, 35.3745, 4.3387

Details

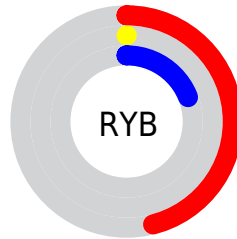
The HunterLab color **20.0091, 35.3745, 4.3387** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.2492, -26.9715, 12.9166**, and the grayscale version is **14.7276, -0.7858, 0.8002**.

A 20% lighter version of the original color is **36.8856, 39.0661, 6.0102**, and **10.2905, 17.6442, 6.4844** is the 20% darker color. If you saturate the color by 10%, you get **20.0089, 35.3739, 4.3407**, and if you desaturate by 10%, it is **20.7881, 33.7994, 2.8032**.

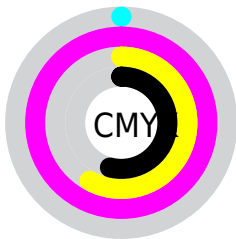
Distribution



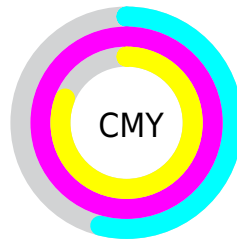
- Red (46%)
- Green (0%)
- Blue (19%)



- Red (46%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0091, 35.3745, 4.3387 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 20.0091, 35.3745, 4.3387 by changing the saturation by 10% instead.

20.0091, 35.3745,
4.3387

20.0091, 35.3745,
4.3387

118.2072, 48.7297,
12.7053

12.9450, 33.5536,
3.4267

36.9065, 39.0662,
6.1228

6.3865, 37.6054,
4.4371

46.5602, 40.7701,
7.0196

0.0000, INF, NaN

0.0000, NaN, NaN

56.9340, 42.3584,
7.9275

0.0000, NaN, NaN

67.9810, 43.8337,
8.8495

0.0000, NaN, NaN

79.6623, 45.2018,
9.7873


0.0000, NaN, NaN


0.0000, NaN, NaN


91.9453, 46.4695,


10.7422


0.0000, NaN, NaN


 104.8018, 47.6434,
11.7147


 20.0091, 35.3745,
4.3387


 20.0091, 35.3745,
4.3387


 20.0089, 35.3739,
4.3407

 20.7881, 33.7994,
2.8032

 21.8302, 31.6003,
1.3908

 23.2920, 28.4185,
0.3511

 25.1485, 24.5311,
-0.2813

 27.3576, 20.2190,
-0.5255

■ 29.8723, 15.7036,
-0.4297

■ 32.6478, 11.1324,
-0.0507

■ 35.6451, 6.5913,
0.5581

■ 38.8315, 2.1234,
1.3512

Harmonies

Analogous

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



20.0097, 32.3614, -12.0922



20.0091, 35.3745, 4.3387



20.0097, 26.6087, 11.5529

Triad

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



20.0097, 35.3722, 4.3392



20.0097, -15.5691, 13.3387



20.0097, -10.7342, -43.1568

Complementary

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



20.0091, 35.3745, 4.3387



36.2492, -26.9715, 12.9166

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.



20.0097, -18.8990, -23.2693



20.0091, 35.3745, 4.3387



20.0097, -21.0759, 8.8608

Square

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



20.0097, 35.3722, 4.3392



20.0097, -4.6836, 14.0068



20.0097, -22.0883, -2.8181



20.0097, 2.8225, -48.1104

Rectangle

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



20.0091, 35.3745, 4.3387



20.0097, 16.4323, 13.8555



20.0097, -22.0883, -2.8181



20.0097, -14.0690, -37.5409

Sweetspot

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



20.0097, 35.3722, 4.3392



43.3857, 15.3770, -0.1196



15.6635, 35.0195, -53.4386



20.2035, 8.3397, -0.1514



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



20.0097, 35.3722, 4.3392



26.7269, 47.1584, 6.5117



19.8783, 31.8501, 12.8055



19.2975, 0.8393, 0.7075



20.9955, 37.1045, 4.6590



46.1716, 81.2634, 12.8341

Inverse Universe

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



20.0097, 35.3722, 4.3392



26.7269, 47.1584, 6.5117



35.0207, -16.9371, -7.2092



19.2975, 0.8393, 0.7075



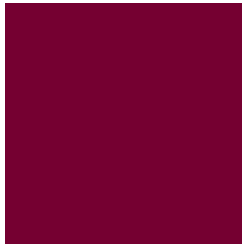
20.9955, 37.1045, 4.6590



46.1716, 81.2634, 12.8341

Previews

White Background



This preview shows how the HunterLab color 20.0091, 35.3745, 4.3387 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

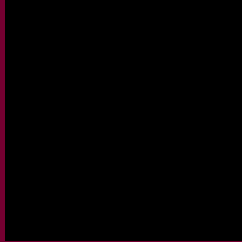
Any Text WCAG AA × Fail

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 20.0091, 35.3745, 4.3387 Background



This preview shows how black text looks on a background with the HunterLab color 20.0091, 35.3745, 4.3387.



This preview shows how white text looks on a background with the HunterLab color 20.0091, 35.3745,

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

20.0091, 35.3745, 4.3387

Protanopia

21.4154, 0.0154, -3.3078

Deuteranopia

21.3250, 0.9025, 6.5311



Tritanopia

20.6406, 29.3458, 11.4626

Trichromacy



Original Color

20.0091, 35.3745, 4.3387

Protanomaly

18.4591, 14.2556, -3.4807

Deuteranomaly

18.9607, 15.5768, 3.8737

Tritanomaly

20.2351, 31.4605, 9.4206

Monochromacy



Original Color

20.0091, 35.3745, 4.3387

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.7846, 13.7066, -0.2058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0091, 35.3745, 4.3387 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(117, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 49)  
}
```

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(117, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0091, 35.3745, 4.3387 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(117, 0, 49) }
```


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

```
.border{ border-color:rgb(117, 0, 49) }
```

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

Here you see how a box with a 4 pixel rgb(117, 0, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0091, 35.3745, 4.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 49) }
```

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

```
.background{ background-color: rgb(117, 0,  
49) }
```

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