

Converting Colors

HunterLab(20.1232, 40.2971,
-32.2322)

Have a look what the booklet for
HunterLab(20.1232, 40.2971,
-32.2322) contains.

| | |
|----------------------------------------------------|----|
| HunterLab(20.1331, 40.2890, -32.0318) | 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(20.1331, 40.2890,
-32.0318)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 670070 |
| RGB | 103, 0, 112 |
| RGB Percent | 40%, 0%, 44% |
| CMY | 0.5961, 1.0000, 0.5608 |
| CMYK | 0.08, 1.00, 0.00, 0.56 |
| HSL | 295°, 100%, 22% |
| HSV | 295°, 100%, 44% |
| XYZ | 8.5182, 4.0534, 15.6627 |
| YIQ | 43.5650, 25.4360, 56.6680 |

Conversions

Conversions Part 2

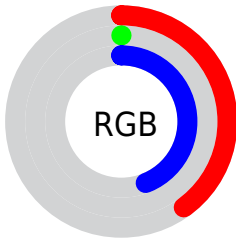
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 103, 0, 112 |
| Decimal | 6750320 |
| CIE _{Lab} | 23.85, 52.00, -36.09 |
| CIE _{LCh} | 24, 63.295, 325.237 |
| Yxy | 4.0536, 0.3017, 0.1436 |
| Android (android.graphics.Color) | 4284940400 (0xFF670070) |
| YUV | 43.5650, 33.7385, 52.1245 |
| Hunter-Lab | 20.1331, 40.2890, -32.0318 |

Details

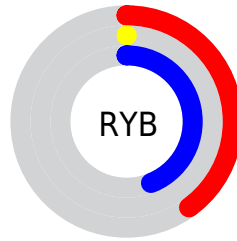
The HunterLab color **20.1331, 40.2890, -32.0318** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34.1270, -28.8262, 20.5240**, and the grayscale version is **15.6158, -0.8332, 0.8484**.

A 20% lighter version of the original color is **36.9175, 44.1637, -32.8848**, and **10.4353, 21.3097, -19.9157** is the 20% darker color. If you saturate the color by 10%, you get **20.1332, 40.2891, -32.0317**, and if you desaturate by 10%, it is **20.8592, 38.3229, -30.0475**.

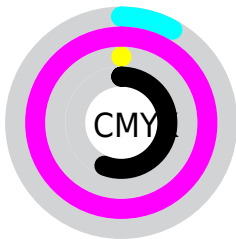
Distribution



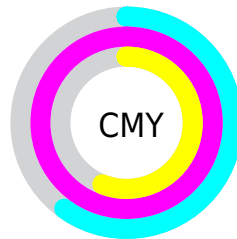
- Red (40%)
- Green (0%)
- Blue (44%)



- Red (40%)
- Yellow (0%)
- Blue (44%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1331, 40.2890, -32.0318 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 20.1331, 40.2890, -32.0318 by changing the saturation by 10% instead.

20.1331, 40.2890,
-32.0318

20.1331, 40.2890,
-32.0318

118.4309, 55.0409,
-36.8092

13.0522, 38.4670,
-32.3553

37.0583, 44.2195,
-32.8884

6.5267, 42.6971,
-38.4061

46.7243, 46.0807,
-33.5139

0.0000, INF, -NF

0.0000, NaN, -NF

57.1094, 47.8346,
-34.1514

0.0000, NaN, NaN

68.1670, 49.4785,
-34.7684

0.0000, NaN, NaN

79.8585, 51.0157,
-35.3487

0.0000, NaN, NaN

0.0000, NaN, NaN

92.1511, 52.4512,

-35.8844

0.0000, NaN, NaN

105.0167, 53.7910,
-36.3717

20.1331, 40.2890,
-32.0318

20.1331, 40.2890,
-32.0318

20.1332, 40.2891,
-32.0317

20.8592, 38.3229,
-30.0475

21.7957, 35.7426,
-27.6436

23.1027, 32.1503,
-24.5419

24.7647, 27.8112,
-20.9535

26.7501, 23.0049,
-17.0905

■ 29.0206, 17.9628,
-13.1213

■ 31.5384, 12.8474,
-9.1592

■ 34.2690, 7.7590,
-5.2694

■ 37.1827, 2.7519,
-1.4835

Harmonies

Analogous

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



20.1335, 17.6881, -66.0005



20.1331, 40.2890, -32.0318



20.1335, 52.0703, -2.1209

Triad

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



20.1335, 40.2881, -32.0307



20.1335, 2.1572, 14.0935



20.1335, -25.1131, -21.0248

Complementary

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



20.1331, 40.2890, -32.0318



34.1270, -28.8262, 20.5240

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.



20.1335, -26.5799, 3.8564



20.1331, 40.2890, -32.0318



20.1335, -14.7791, 14.0935

Square

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



20.1335, 40.2881, -32.0307



20.1335, 25.2980, 14.0935



20.1335, -23.6546, 13.0585



20.1335, -18.4000, -56.3873

Rectangle

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



20.1331, 40.2890, -32.0318



20.1335, 49.8515, 8.4357



20.1335, -23.6546, 13.0585



20.1335, -26.0917, -10.8158

Sweetspot

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



20.1335, 40.2881, -32.0307



41.5271, 17.5645, -12.5524



11.7158, 25.6018, -69.9091



19.8080, 9.6947, -6.9902



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



20.1335, 40.2881, -32.0307



26.6392, 53.3349, -42.5881



19.5715, 35.4852, -2.6240



18.5486, 1.1184, -0.5511



21.6368, 43.3041, -34.4707



48.1095, 96.3921, -77.4626

Inverse Universe

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



18.6134, 31.9805, 11.2058



24.6523, 42.3223, 15.1195



34.3380, -27.3384, 16.0968



18.4539, 0.5387, 1.3400



20.0086, 34.3709, 12.1115



44.5959, 76.4840, 27.9466

Previews

White Background



This preview shows how the HunterLab color 20.1331, 40.2890, -32.0318 looks on a white background.

Color Contrast Check

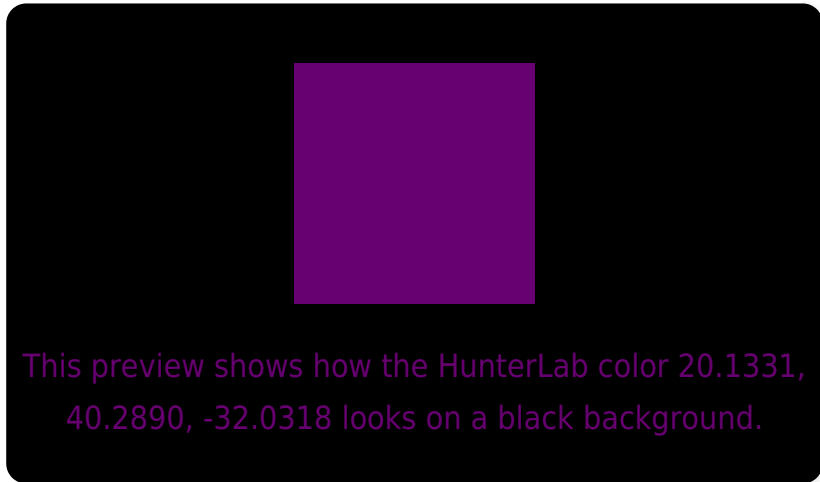
Large Text (above 18pt) WCAG AA ✓ Pass

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

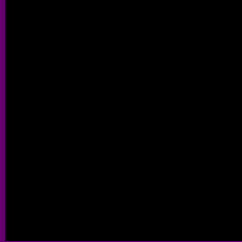
Any Text WCAG AA × Fail

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 20.1331, 40.2890, -32.0318 Background



This preview shows how black text looks on a background with the HunterLab color 20.1331, 40.2890, -32.0318.



This preview shows how white text looks on a background with the HunterLab color 20.1331, 40.2890, -32.0318.

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

20.1331, 40.2890, -32.0318

Protanopia

21.1096, 6.0832, -39.5172

Deuteranopia

21.3063, 1.0166, -24.0437



Tritanopia

21.0701, 15.0851, 5.6798

Trichromacy



Original Color

20.1331, 40.2890, -32.0318

Protanomaly

17.4596, 18.0519, -48.1924

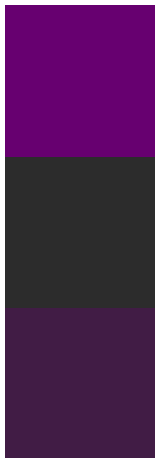
Deuteranomaly

18.0660, 16.2894, -35.1434

Tritanomaly

19.7031, 25.2180, -5.3560

Monochromacy



Original Color

20.1331, 40.2890, -32.0318

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.4402, 15.4007, -11.8361

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1331, 40.2890, -32.0318 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(103, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(103, 0, 112)  
}
```

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(103, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 0, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1331, 40.2890, -32.0318 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(103, 0, 112) }
```


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

```
.border{ border-color:rgb(103, 0, 112) }
```

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

Here you see how a box with a 4 pixel rgb(103, 0, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(103, 0,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1331, 40.2890, -32.0318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 0, 112) }
```

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

```
.background{ background-color: rgb(103, 0,  
112) }
```

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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