

Converting Colors

HunterLab(20.5852, 10.1237,
-32.2402)

Have a look what the booklet for
HunterLab(20.5852, 10.1237,
-32.2402) contains.

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Color

**HunterLab(20.5088, 10.1585,
-32.3494)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3471
RGB	45, 52, 113
RGB Percent	18%, 20%, 44%
CMY	0.8235, 0.7961, 0.5569
CMYK	0.60, 0.54, 0.00, 0.56
HSL	234°, 43%, 31%
HSV	234°, 60%, 44%
XYZ	5.2908, 4.2061, 16.1558
YIQ	56.8610, -23.7530, 17.4870

Conversions

Conversions Part 2

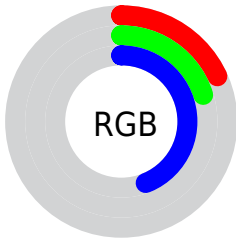
Format	Color
R_{YB}	45, 51, 113
Decimal	2962545
CIE _{Lab}	24.34, 17.03, -36.33
CIE _{LCh}	24, 40.119, 295.112
Yxy	4.2062, 0.2063, 0.1640
Android (android.graphics.Color)	4281152625 (0xFF2D3471)
YUV	56.8610, 27.6765, -10.4021
Hunter-Lab	20.5088, 10.1585, -32.3494




Details

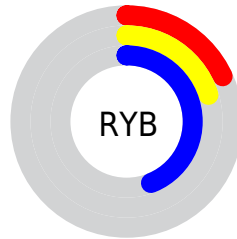
The HunterLab color $[20.5088, 10.1585, -32.3494]$ is a dark color, and the websafe version is hex $\#333366$. A complement of this color would be $[37.4285, -6.1812, 19.0218]$, and the grayscale version is $[20.0947, -1.0722, 1.0918]$.




A 20% lighter version of the original color is $[37.4077, 11.3090, -33.1721]$, and $[7.5202, 11.1239, -33.4129]$ is the 20% darker color. If you saturate the color by 10%, you get $[17.8145, 13.4506, -40.7832]$, and if you desaturate by 10%, it is $[23.4564, 7.3399, -24.9072]$.

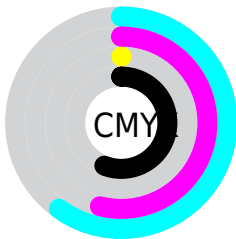
Distribution







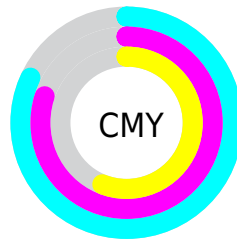
-  Red (18%)
-  Green (20%)
-  Blue (44%)






-  Red (18%)
-  Yellow (20%)
-  Blue (44%)



-  Cyan (60%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (80%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5088, 10.1585, -32.3494 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 20.5088, 10.1585, -32.3494 by changing the saturation by 10% instead.

■ 20.5088, 10.1585,
-32.3494

■ 20.5088, 10.1585,
-32.3494

■ 119.1074, 12.5725,
-37.1570

■ 13.3775, 9.3536,
-32.6470

■ 37.5181, 11.3325,
-33.2186

■ 6.9330, 10.3402,
-37.5111

■ 47.2209, 11.7463,
-33.8465

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.6403, 12.0660,
-34.4861

0.0000, NaN, NaN

■ 68.7300, 12.3027,
-35.1053

0.0000, NaN, NaN

■ 80.4519, 12.4653,
-35.6880

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7734, 12.5609,

-36.2263

0.0000, NaN, NaN

105.6667, 12.5950,
-36.7165

■ 20.5088, 10.1585,
-32.3494

■ 20.5088, 10.1585,
-32.3494

■ 17.8145, 13.4506,
-40.7832

■ 23.4564, 7.3399,
-24.9072

■ 15.4459, 17.2266,
-50.1497

■ 26.6033, 4.9221,
-18.3393

■ 13.4994, 21.3223,
-59.9248

■ 29.9120, 2.8266,
-12.4856

■ 12.0261, 25.0803,
-69.1728

■ 33.3556, 0.9848,
-7.1991

■ 36.9139, -0.6578,
-2.3583

■ 40.5720, -2.1436,
2.1323

■ 44.3185, -3.5051,
6.3470

■ 48.1442, -4.7673,
10.3431

■ 52.0419, -5.9493,
14.1651

Harmonies

Analogous

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



20.5091, -3.1074, -37.3419



20.5088, 10.1585, -32.3494



20.5091, 22.6343, -16.7861

Triad

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



20.5091, 10.1589, -32.3488



20.5091, 14.5776, 12.5251



20.5091, -19.9980, 2.9741

Complementary

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



20.5088, 10.1585, -32.3494



37.4285, -6.1812, 19.0218

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.



20.5091, -17.3478, 10.3726



20.5088, 10.1585, -32.3494



20.5091, 0.9973, 13.9530

Square

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



20.5091, 10.1589, -32.3488



20.5091, 25.5848, 8.6534



20.5091, -10.3482, 13.2160



20.5091, -18.6642, -11.1807

Rectangle

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



20.5088, 10.1585, -32.3494



20.5091, 27.7552, -5.6853



20.5091, -10.3482, 13.2160



20.5091, -19.5666, 6.1734

Sweetspot

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



20.5091, 10.1589, -32.3488



45.4309, 0.9288, -8.4990



36.5918, -17.4944, 0.5572



21.3268, 0.7025, -4.8326



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.



20.5091, 10.1589, -32.3488



22.5921, 19.8234, -59.1499



21.0035, 18.6779, -30.8319



18.3048, -0.4121, -0.8879



12.7417, 26.9665, -74.1390



27.2980, 64.6979, -173.7845

Inverse Universe

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



23.7396, 21.3787, 6.8884



28.5524, 35.2444, 11.3735



37.4471, -16.4198, 18.8560



18.4569, 0.5550, 1.2968



20.0243, 34.4289, 11.8798



44.6206, 76.5759, 27.5792

Previews

White Background



This preview shows how the HunterLab color 20.5088, 10.1585, -32.3494 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 20.5088, 10.1585, -32.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

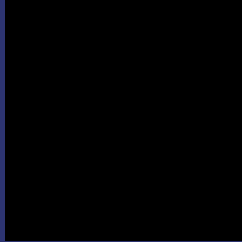
Any Text WCAG AA × Fail

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 20.5088, 10.1585, -32.3494 Background



This preview shows how black text looks on a background with the HunterLab color 20.5088, 10.1585, -32.3494.



This preview shows how white text looks on a background with the HunterLab color 20.5088, 10.1585, -32.3494.

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

20.5088, 10.1585, -32.3494

Protanopia

20.4897, 5.8812, -35.9705

Deuteranopia

20.2662, -0.1279, -25.0549



Tritanopia

20.4122, -7.7591, -3.4430

Trichromacy



Original Color

20.5088, 10.1585, -32.3494

Protanomaly

20.4939, 6.9838, -35.0514

Deuteranomaly

20.0001, 3.2138, -28.8555

Tritanomaly

20.1869, -2.0809, -12.2320

Monochromacy



Original Color

20.5088, 10.1585, -32.3494

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.0626, 2.0266, -8.3514

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5088, 10.1585, -32.3494 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(45, 52, 113)` looks like.

```
.text, #text, p{  
    color:rgb(45, 52, 113)  
}
```

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(45, 52, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 52, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5088, 10.1585, -32.3494 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(45, 52, 113) }
```


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

```
.border{ border-color:rgb(45, 52, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 52, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 52, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 52, 113);  
box-shadow:4px 4px 4px 4px rgb(45, 52,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5088, 10.1585, -32.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 52, 113) }
```

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

```
.background{ background-color: rgb(45, 52,  
113) }
```

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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